Алматы (7273)495-231 Ангарск (3955)60-70-56 Архангельск (8182)63-90-72 Астрахань (8512)99-46-04 Барнаул (3852)73-04-60 Белгород (4722)40-23-64 Благовещенск (4162)22-76-07 Брянск (4832)59-03-52 Владивосток (423)249-28-31 Владикавказ (8672)28-90-48 Владимир (4922)49-43-18 Волгоград (844)278-03-48 Волоград (8472)26-41-59 Воронеж (473)204-51-73 Екатеринбург (343)384-55-89 Иваново (4932)77-34-06 Ижевск (3412)26-03-58 Иркутск (395)279-98-46 Казань (843)206-01-48 Калининград (4012)72-03-81 Калуга (4842)92-23-67 Кемерово (3842)65-04-62 Киров (8332)68-02-04 Коломна (4966)23-41-49 Кострома (4942)77-07-48 Краснодар (861)203-40-90 Красноярск (391)204-63-61 Курск (4712)77-13-04 Курган (3522)50-90-47 Липецк (4742)52-20-81 Магнитогорск (3519)55-03-13 Москва (495)268-04-70 Мурманск (8152)59-64-93 Набережные Челны (8552)20-53-41 Нижний Новгород (831)429-08-12 Новокузнецк (3843)20-46-81 Ноябрьск (3496)41-32-12 Новосибирск (383)227-86-73 Омск (3812)21-46-40 Орел (4862)44-53-42 Оренбург (3532)37-68-04 Пенза (8412)22-31-16 Петрозаводск (8142)55-98-37

Псков (8112)59-10-37

Пермь (342)205-81-47
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Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97

Тверь (4822)63-31-35 Тольятти (8482)63-91-07 Томск (3822)98-41-53 Тула (4872)33-79-87 Тюмень (3452)66-21-18 Ульяновск (8422)24-23-59 Улан-Уда (3012)59-97-51 Уфа (347)229-48-12 Хабаровск (4212)92-98-04 Чебоксары (8352)28-53-07 Челябинск (351)202-03-61 Череповец (8202)49-02-64 Чита (3022)38-34-83 Якутск (4112)23-90-97 Ярославль (4852)69-52-93

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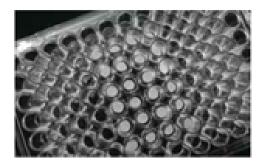
www.sigmaaldrich.nt-rt.ru | | scx@nt-rt.ru

Технические характеристики на принадлежности для клеточных культур, реагенты для культур клеток, не содержащие животных компонентов

компании Sigma-Aldrich

Виды товаров: колбы, планшеты и чашки для клеточных культур, проницаемые опоры и вставки, внеклеточные матрицы для 3d-культуры клеток, серологические пипетки, подъемники и разбрасыватели клеток, микрофлюидные устройства для клеточных культур, среды без животного происхождения и без сыворотки, реагенты для диссоциации клеток, не содержащие животных, Добавки для клеточных культур с определенным химическим составом, факторы роста и цитокины, не содержащие компонентов животного происхождения и др.

Cell Culture Supplies



3D Biotek 3D Insert™ PCL Scaffolds

Cell Culture Inserts

Corning CellBIND Surface HYPERFlask Cell Culture Vessels

Corning Roller Bottles

We offer a variety of cell culture supplies that specifically support the needs of researchers working with cell culture applications such as 3D cell proliferation, cell and tissue culture, cell preservation and storage, cell visualization, scale-up cell culture, and stem cell and tissue engineering.

Read more about

Cell Culture Flasks, Plates, and Serological Pipets

Dishes Permeable Supports and Cell Lifters and Spreaders

Inserts Extracellular Matrices for 3D Microfluidic Devices for Cell

POPULAR CATEGORIES













Bottles Dishes Flasks Pipettes Plates Tubes

CELL CULTURE FLASKS, PLATES, AND DISHES

Cell culture flasks, plates, and dishes are specifically designed for the growth and propagation of microbial, insect, or mammalian cells. We offer glass and plastic culture flasks for shaker cultures, tissue culture flasks for adherent and suspension cells, bioreactor flasks for monoclonal antibody

(mAb) and protein production, petri dishes and culture dishes for microbiology and microscopy of living and fixed cells, disposable and reusable spinner flasks for suspension cell cultures, and cell culture plates for growth optimization and treatment from leading suppliers including Millicell®, Corning®, Brand®, Eppendorf®, Nunc®, Nalgene®, TPP®, Pyrex®, Wheaton®, and Greiner Bio-One.

PERMEABLE SUPPORTS AND INSERTS

Cell culture permeable supports and inserts feature membranes that allow easy access to both the apical and basolateral sides of cells, producing a cell culture environment that more closely resembles an *in vivo* state.

Millicell® inserts are designed to support cell growth and differentiation of epithelial and endothelial cell lines. Millicell® standing inserts promote excellent cell growth for cell studies. Millicell® hanging inserts enable easy removal for media feeding, changes, and monolayer analysis and can be used for co-culturing and permeability assays.

Corning® Transwell inserts and plates feature membranes that are transparent when wet.

Corning® Netwell® inserts have polyester mesh bottoms attached to a polystyrene ring or housing for culturing small organs, tissue slices, or explants

Corning[®] Snapwell[™] supports are modified Transwell inserts for transport and electrophysiological studies.

BRAND® inserts feature excellent optical properties and include a standard model for co-culture, secretion studies, and chemotaxis tests, and a specialized model for automated *in vitro* preparation of human tissues.

EXTRACELLULAR MATRICES FOR 3D CELL CULTURE

We carry a broad portfolio of three-dimensional cell culture systems including MaxGel™ human Extracellular Matrix (ECM), HydroMatrix™ synthetic peptide, and mouse ECM, to support stem cell and other cell cultures. These products provide three-dimensional environments in which cells are better able to mimic their *in vivo* counterparts.

HydroMatrix[™] is a synthetic peptide nanofiber scaffold that self-assembles and promotes cell growth and migration and has been shown to support the proliferation of many cell types including neural stem cells, neurons, glia, astrocytes, fibroblasts, and keratinocytes.

MaxGel™ human ECM contains extracellular matrix components including collagens, laminin, fibronectin, tenascin, elastin, proteoglycans, and glycosaminoglycans. MaxGel™ ECM promotes cell growth and migration and has been shown to support the proliferation of many cell types, including neural stem cells, neurons, glia, astrocytes, fibroblasts, hepatocytes and keratinocytes.

The **HyStem®** stem cell culture platform offers control over growth factor incorporation, attachment factor incorporation, ECM protein incorporation, and rigidity of the hydrogel. The **HyStem®** hydrogel scaffold closely mimics the rich, natural extracellular matrix environment, complete with hyaluronic acid and collagen fibrils, while offering the flexibility to customize with appropriate growth factors, attachment factors, and proteins.

TrueGel3D preserves viability of your cells and replicate native cellular environments similar to those of tissues. This technology provides mechanical and biochemical cues to investigate both morphological and physiological properties of cells in the 3D environment.

SEROLOGICAL PIPETS

Serological pipets are commonly used in serology and cell culture to measure and dispense milliliter amounts of liquid. Available in glass or plastic, they typically have graduations for accurately measuring meniscus levels and are available sterile for aseptic cell culturing procedures. Cotton plug options are available to prevent overfilling and contamination. Large tip pipets are available for pipetting viscous liquids and suspensions.

CELL LIFTERS AND SPREADERS

Cell lifters are long-handled devices with angled heads used to harvest cells from cell culture flasks and dishes and are available in varying lengths and designs. **Cell spreaders** are designed for spreading cultures and media across the surface of agar plates.

MICROFLUIDIC DEVICES FOR CELL CULTURE

Microfluidic devices for cell culture, including 3D chips and organ-on-a-chip technologies, permit the study of small numbers of cells in a 3D environment. Their use allows implementation of chemical gradients, continuous flow of fresh media, high throughput testing, and direct coupling to analytical instruments. Because microfluidic devices require small volumes of culture media and small quantities of cells, these technologies decrease costs and enable studies to be conducted when the cell source is limited.

Compare **Product Number Product Name Product Description Pricing** Z740954 Aldrich® Essentials culture tube with screw cap and PTFE/rubber liner capacity 70 mL, O.D. x L 25 mm x 200 mm, round bottom Z740943 Aldrich® Essentials culture tube with screw cap and PTFE/rubber liner capacity 10 mL, O.D. x L 15 mm x 125 mm, round bottom Z740947 Aldrich® Essentials culture tube with screw cap and PTFE/rubber liner capacity 25 mL, O.D. x L 18 mm x 150 mm, round bottom Z740952 Aldrich® Essentials culture tube with screw cap and PTFE/rubber liner capacity 50 mL, O.D. x L 25 mm x 150 mm, round bottom Z740940 Aldrich® Essentials culture tube with screw cap and PTFE/rubber liner capacity 5 mL, O.D. x L 15 mm x 75 mm, round bottom

Aldrich® Essentials culture tube with screw cap and rubber liner

Z740968

capacity 50 mL, O.D. × L 25 mm × 150 mm
Z740618 Aldrich® Essentials petri dish soda lime glass, dish diam. × H 50 mm × 17 mm, autoclavable
Z740620 Aldrich® Essentials petri dish soda lime glass, autoclavable
Z740621 Aldrich® Essentials petri dish soda lime glass, dish diam. × H 150 mm × 20 mm, autoclavable
Z740619 Aldrich® Essentials petri dish soda lime glass, dish diam. × H 80 mm × 17 mm, autoclavable
BMSV0020E Aspire™ Laboratory Aspirator includes base with internal vacuum pump, 2 L Polycarbonate bottle with lid, silicone tubing, handheld vacuum controller and single channel adapters, AC/DC input 230 V AC, Schuko plug
BMSV0020EUK Aspire™ Laboratory Aspirator includes base with internal vacuum pump, 2 L Polycarbonate bottle with lid, silicone tubing, handheld vacuum controller and single channel adapters, AC/DC input 230 V AC, UK plug
BMSV1002 Aspire™ Laboratory Aspirator Accessories Handheld vacuum controller with single channel adapters
BMSV1002S8 Aspire™ Laboratory Aspirator Accessories Optional eight channel adapter, fine tip stainless steel
BMSV10028 Aspire™ Laboratory Aspirator Accessories Optional eight channel adapter, for use with 200 uL pipette tips
BMSV0020QD Aspire™ Laboratory Aspirator Accessories Option quick disconnect kit, includes 2 male/female attachments & silicone tubing
BMSV0020F1 Aspire™ Laboratory Aspirator Accessories Hydrophobic filter

BMSV0020BOT Aspire™ Laboratory Aspirator Accessories Graduated, PC collection bottle (included)
_
BMSV10021SL Aspire™ Laboratory Aspirator Accessories Optional single channel adapter, extra long (80 mm) stainless steel
BMSH3565180LCI Benchmark IncuView Integrated Microscope Shelf for 180L CO ₂ Incubators (H3565-180, 180HD, 180HDO2 only)
BMSH356545LCI Benchmark IncuView Integrated Microscope Shelf for 45L CO ₂ Incubators (H3565-45 only)
BMSH3565180HDO2
Benchmark SureTherm 180L CO ₂ Incubator AC/DC input 120 V, with high heat function, split window door, and CO ₂ control
BMSH3565180 Benchmark SureTherm 180L CO ₂ Incubator AC/DC input 120 V
BMSH356545 Benchmark SureTherm 45L CO ₂ Incubator AC/DC input 120 V
7.6/20 mput 120 v
Z401099 Biohazard spill kit Disposable, L \times W \times D 7 1/4 in. \times 6 1/2 in. \times 5 1/4 in.
C2048 Closures for 25 mm culture tubes, disposable red
CLS3879 Corning® 96 well clear polypropylene corner notch microplate round bottom clear, polypropylene, individually wrapped, sterile, lid
П
Z376795
Disposable culture tubes polypropylene tube
Z376787 Disposable culture tubes

polystyrene tube
C6106 Greiner cell scrapers cell scraper 40 cm handle, 16 mm blade, sterile
C5981 Greiner cell scrapers cell scraper 28 cm handle, 18 mm blade, sterile
M0812 Greiner CELLSTAR® 96 well plates flat bottom clear wells
M0562 Greiner CELLSTAR® 96 well plates flat bottom black polystyrene wells (with micro-clear bottom)
P7612 Greiner CELLSTAR® dish diam. × H 100 mm × 20 mm, vented
M9187 Greiner CELLSTAR® multiwell culture plates 12 wells (suspension culture with lid)
M8562 Greiner CELLSTAR® multiwell culture plates 6 wells (TC treated with lid)
M8687 Greiner CELLSTAR® multiwell culture plates 12 wells (TC treated with lid), flat bottom, pack of 100 ea sterile, individually wrapped
M9062 Greiner CELLSTAR® multiwell culture plates 6 wells (suspension culture with lid)
C7481 Greiner culture flasks, tissue culture treated Lo-Profile T-175 flask, canted neck, surface area 182 cm ² , capacity 550 mL
C6481 Greiner culture flasks, tissue culture treated

T-25 flask, canted neck, surface area 25 cm², capacity 50 mL, with filter cap (filter cap not pictured)

C7231 Greiner culture flasks, tissue culture treated surface area 75 cm ² , canted neck, with cap, filtered
P5487 Greiner dishes petri dish, 145 x 20 mm, triple vented
P5737 Greiner dishes petri dish,100 x 20 mm, vented
P5237 Greiner dishes petri dish, 60 x 15 mm, vented (6 vents)
P5112 Greiner dishes petri dish, 35 x 10 mm, triple vented
P5362 Greiner dishes petri dish, 94 x 16 mm, with vents, heavy design
F0152 Nalgene® baffled shake flask flask capacity 250 mL, Beaded neck
F0402 Nalgene® baffled shake flask flask capacity 1,000 mL, Straight neck
F0277 Nalgene® baffled shake flask flask capacity 500 mL, Straight neck
F0527 Nalgene® baffled shake flask capacity 2,000 mL, Beaded neck
Z252077 Nalgene® polypropylene screw-closure for dropper-dispenser bottles closure size 24 mm
Z505846 Nalgene® quick filling/venting closure fits tubing, 3/8 in., number of ports, 2

Z500011 Nalgene® quick filling/venting closure fits tubing, 3/8 in., number of ports, 3
Z505722 Nalgene® quick filling/venting closure fits tubing, 1/4 in., number of ports, 2
D4803 Nunc® Bioassay Dish with lid, L × W × H 245 mm × 245 mm
F7552 Nunc [®] EasYFlasks [™] , Nunclon [®] Δ Surface Nunclon [®] Δ surface treatment, 75 cm ² angled neck, filter cap, 100/cs
F7177 Nunc [®] EasYFlasks [™] , Nunclon [®] Δ Surface Nunclon [®] Δ surface treatment, 25 cm ² angled neck, vent/close cap, 200/cs
F7427 Nunc [®] EasYFlasks [™] , Nunclon [®] Δ Surface Nunclon [®] Δ surface treatment, 75 cm ² angled neck, vent/close cap, 100/cs
F7302 Nunc [®] EasYFlasks [™] , Nunclon [®] Δ Surface Nunclon [®] Δ surface treatment, 25 cm ² angled neck, filter cap, 200/cs
F7677 Nunc [®] EasYFlasks [™] , Nunclon [®] Δ Surface Nunclon [®] Δ surface treatment, 175 cm ² angled neck, filter cap, 30/cs
S6690 Nunc [®] Lab-Tek [®] II - CC ^{2™} Chamber Slide [™] system 4 wells, glass slide, 1.7 cm ² /well, sterile
S6815 Nunc [®] Lab-Tek [®] II - CC ^{2™} Chamber Slide [™] system 8 wells, glass slide, 0.7 cm ² /well, sterile
P8991 Nunc [®] MicroWell 96 well optical bottom plates 96 well optical bottom plate, cell cultured treated, 400uL/well, black, 30/cs

F8542

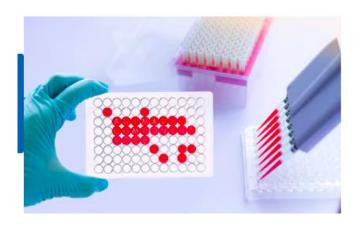
Nunc [®] TripleFlasks, Nunclon [®] Δ Surface Culture flask, surface area 500 cm ² , with solid cap, straight neck, sterile, case of 32 ea
F8667 Nunc® TripleFlasks, Nunclon® Δ Surface Culture flask, surface area 500 cm², with cap filtered, straight neck, sterile, case of 32 ea
D8054 Nunclon® cell culture dishes diam. × H 60 mm × 15 mm
D7804 Nunclon® cell culture dishes diam. × H 35 mm × 10 mm
D8679 Nunclon® cell culture dishes L × W × H 245 mm × 245 mm × 20 mm
P7866 Nunclon® cell culture dishes diam. × H 60 mm × 15 mm, round vented with lid
P5481 Petri dishes, polystyrene size 60 mm × 15 mm
P5731 Petri dishes, polystyrene size 100 mm × 15 mm
P5856 Petri dishes, polystyrene size 100 mm × 15 mm
P5981 Petri dishes, polystyrene size 150 mm × 15 mm
P1552 Phytatray [™] L × W × H 11.4 cm × 8.6 cm × 6.4 cm, PETG, sterile; γ-irradiated
P5929 Phytatray [™] II L × W × H 11.4 cm × 8.6 cm × 10.2 cm in., PETG, sterile; γ-irradiated

Z740162 Phytatray [™] III L × W × H 9.5 cm × 9.5 cm × 10.5 cm, (recycled polyethylene terephthalate - RPET), sterile; γ-irradiated
Z373206 Plant tissue culture system temporary immersion pore size 1 µm, diam. 37 mm
Z675490 Scienceware vacuum aspirator bottle with trap pkg of 1 ea, capacity 0.5 L
F0769 Shake flasks, triple baffled borosilicate glass flask, working volume 1,000 mL
F0894 Shake flasks, triple baffled volume 2,000 mL S6268 Sigma Pasteur pipettes non-plugged, L 9 in.
Z290467 Sigma-Aldrich® vacuum filtration assembly for 25 mm filters with glass support, #5 stopper, 125 mL flask (included)
Z290416 Sigma-Aldrich® vacuum filtration assembly for 47 mm filters with glass support, NS 40/35 joints, 4 L flask (included)
Z290491 Sigma-Aldrich® vacuum filtration assembly for 47 mm filters with stainless steel screen, #8 stopper, 1 L flask (included)
Z290424 Sigma-Aldrich® vacuum filtration assembly for 90 mm filters with glass support, NS 40/35 joints, 4 L flask (included)
Z290408 Sigma-Aldrich® vacuum filtration assembly for 47 mm filters with glass support, NS 40/35 joints, 1 L flask (included)
Z290505 Sigma-Aldrich® vacuum filtration assembly for 47 mm filters with stainless steel screen, #8 stopper, same as Z290432 but without side arm flask

Z290432 Sigma-Aldrich® vacuum filtration assembly for 47 mm filters with glass support, #8 stopper, 1 L flask (included)
Z290440
Sigma-Aldrich® vacuum filtration assembly for 47 mm filters with glass support, #8 stopper, same as Z290432 but without filtration flask
Z290475 Sigma-Aldrich® vacuum filtration assembly for 25 mm filters with glass support, #5 stopper, same as Z290467 but without filtration flask
Z290653 Vacuum filtration assembly funnel stems glass membrane (support), membrane diam. 90 mm, connector for 40/35 joint (fritted glass support with side arm)
Z290769 Vacuum filtration assembly funnel stems stainless steel membrane (support), membrane diam. 47 mm, connector for stopper
Z290750 Vacuum filtration assembly funnel stems no membrane support, membrane diam. 47 mm, connector for stopper
Z290602 Vacuum filtration assembly funnel stems glass membrane (support), membrane diam. 47 mm, connector for 40/35 joint (fritted glass support with side arm)
Z290688 Vacuum filtration assembly funnel stems glass membrane (support), membrane diam. 47 mm, connector for stopper
Z290726 Vacuum filtration assembly funnel stems glass membrane (support), membrane diam. 25 mm, connector for stopper
Z290556 Vacuum filtration assembly funnel tops Funnel top, funnel capacity 1000 mL
7200521
Z290521 Vacuum filtration assembly funnel tops Funnel top, funnel capacity 300 mL

Z290696 Vacuum filtration assembly funnel tops Funnel top, funnel capacity 15 mL
Z290645 Vacuum filtration assembly funnel tops Funnel top, funnel capacity 1000 mL
Z290548 Vacuum filtration assembly funnel tops Funnel top, funnel capacity 500 mL
Z290572 Vacuum filtration assembly replacement parts #8 silicone stopper
Z290742 Vacuum filtration assembly replacement parts #5 silicone stopper
Z290734 Vacuum filtration assembly replacement parts aluminum clamp for 25 mm assemblies
Z290661 Vacuum filtration assembly replacement parts aluminum clamp for 90 mm assemblies
Z290777 Vacuum filtration assembly replacement parts PTFE gasket
Z290564 Vacuum filtration assembly replacement parts aluminum clamp for 47mm assemblies
Z543845 VerSA-Flow [™] delivery cap two-hole

Animal Component Free Cell Culture Reagents



Cell culture reagents that do not contain animal components drastically reduce the performance variability of scientific experiments, providing more consistent results. A more ethical and sustainable option than cell culture reagents that contain animal components, animal-free reagents also enable a smooth transition for research that is moving towards novel clinical, pharmaceutical, biotech, and manufacturing applications. Due to the absence of animal components, these reagents show little to no lot-to-lot variations and face no import restrictions. Our high-quality animal component-free (ACF), non-animal origin (NAO) and serum-free cell culture media, supplements, reagents, and growth factors have high biological activity. These reagents contain low endotoxins and are ideal for use in applications like stem cell culture, inflammation experiments, cancer cell culture, and antibody and vaccine development.

Animal origin-free & Serum-free Media

Animal-free Cell Dissociation Reagents

Chemically Defined Supplements

Animal Component-free Growth Factors & Cytokines

Our ACF and NAO definitions

ANIMAL ORIGIN-FREE & SERUM-FREE MEDIA

Stem cell researchers have transitioned to serum-free and xeno-free media and supplements to reduce the variability introduced by the undefined composition of **fetal bovine serum (FBS)**. We offer serum-free stem cell media for a variety of **stem cell types**, including human ES/iPS, neural (NSC), mesenchymal (MSC) and hematopoietic (HSC) stem cells. These media and supplements are rigorously tested, ensuring superior performance and consistency in stem cell culture.

ANIMAL-FREE CELL DISSOCIATION REAGENTS

Some cell culture applications, such as pharmaceutical drug toxicity and efficacy testing, require high-quality ACF dissociation reagents during the experimental process. Our dissociation enzymes, when used with serum-free (or serum-containing) media, help maximize the yield of healthy and functionally viable cells. These ready-to-use solutions enable gentle **disaggregation** of cells, tissues, and tumors with increased plating efficiency.

CHEMICALLY DEFINED SUPPLEMENTS

Chemically defined cell culture supplements provide nutrients that promote the healthy **growth** of cell cultures without the safety risks from the adventitious agents associated with animal components. Our chemically defined supplements, including hormones and albumins, exhibit high purity and superior solubility. These supplements are also available in both the powder and solution formats.

ANIMAL COMPONENT-FREE GROWTH FACTORS & CYTOKINES

Our collection of high purity growth factors and cytokines for biotech and pharmaceutical development include low endotoxin and animal component-free human, mouse, and rat recombinant reagents. These growth factors and cytokines are expressed in E. coli or in mammalian systems. Growth factors produced in HEK293 cells also offer the added advantage of authentic human glycosylation and post-translational modification patterns.

ANIMAL-FREE CELL FREEZING MEDIA

When culturing cells in a serum-free environment, it is also essential to maintain serum-free conditions during cryopreservation. Animal component-free or DMSO-free cell freezing media can be used for long term storage of primary cells, stem cells, and various human cancer cell lines.

We define ACF and NAO processes and products as:

Animal Component-Free General: Animal component-free products do not contain any primary raw materials derived directly from bovine or other animal tissue or use them in the manufacturing process.

ACF Fermentation: Products containing primary raw materials that are manufactured utilizing fermentation processes and using culture medium that contains no high infectivity tissues (brain, spinal cord, eye, etc.).

Non-Animal Origin General: Non-animal origin products contain no animal origin components in any of the synthesis steps that determine the final chemical structure.

NAO Fermentation: NAO products do not contain materials of animal origin in the fermentation broth. A9731 Albumin human recombinant, expressed in rice, lyophilized powder, suitable for cell culture, low endotoxin, ≥96% (SDS-PAGE) H6909 Hydrocortisone solution 50 µM, sterile-filtered, BioXtra, suitable for cell culture П SRP3027 **EGF** human Animal-component free, recombinant, expressed in E. coli, ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture H8916 Tumor Necrosis Factor-α human Xeno-free, recombinant, expressed in HEK 293 cells, suitable for cell culture S0192

CryoSOfree™ **DMSO-free Cryopreservation Medium**

C9249

Stemline® II Hematopoietic Stem Cell Expansion Medium

Serum-free, contains L-glutamine, liquid, sterile-filtered, suitable for cell culture

H8541 Transforming Growth Factor-β1 human TGF-β1, Xeno-free, recombinant, expressed in HEK 293 cells, suitable for cell culture
E5036 Epidermal Growth Factor, human, animal component free EGF, recombinant, expressed in Escherichia coli, >97% (SDS-PAGE)
H5916 Human Growth Hormone human HGH, recombinant, expressed in HEK 293 cells, HumanKine®, suitable for cell culture
SRP3177 TNF-α human Animal-component free, recombinant, expressed in <i>E. coli</i> , suitable for cell culture
H17001 Wnt3A, human recombinant, expressed in HEK 293 cells human
SRP3069 IGF-I human Animal-component free, recombinant, expressed in <i>E. coli</i> , suitable for cell culture
SRP3058 IFN-γ human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cel culture
SRP3083 IL-1 beta human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cel culture
H7041 Interleukin-2 human IL-2, recombinant, expressed in HEK 293 cells, suitable for cell culture, endotoxin tested
SRP3085 Interleukin-2, human Animal-component free, recombinant, expressed in <i>E. coli</i> , suitable for cell culture

Interleukin-1β human IL-1β, recombinant, expressed in HEK 293 cells, HumanKine®, suitable for cell culture, endotoxin tested
SRP3043 FGF-basic human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥95% (SDS-PAGE), ≥95% (HPLC), suitable for cell culture
H7416 Interleukin-6 human IL-6, recombinant, expressed in HEK 293 cells, suitable for cell culture
H5166 Erythropoietin human EPO, recombinant, expressed in HEK 293 cells, suitable for cell culture
SRP3096 Interleukin-6 human Animal-component free, recombinant, expressed in <i>E. coli</i> , suitable for cell culture
H4791 Bone Morphogenetic Protein 2 human BMP-2, recombinant, expressed in HEK 293 cells, HumanKine, suitable for cell culture
D1925 Demecolcine solution 10 μg/mL in HBSS, ACF Qualified, BioXtra
SRP3138 PDGF-BB human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture
SRP3201 GM-CSF from mouse Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture
H5791 Hepatocyte Growth Factor human HGF, recombinant, expressed in HEK 293 cells, HumanKine [®] , suitable for cell culture
SRP3110 M-CSF human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture

H6291

SRP3080 IL-17 human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture
H4916 Bone Morphogenetic Protein 4 human BMP-4, recombinant, expressed in HEK 293 cells, HumanKine [®] , suitable for cell culture
HYS020 HyStem® Cell Culture Scaffold Kit For 7.5 mL of hydrogel scaffold solution
Π H9666 Nerve Growth Factor β Human NGF-β, recombinant, expressed in HEK 293 cells, HumanKine [™] , suitable for cell culture
SRP3093 IL-4 human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture
H7791 Interleukin-17A human IL-17A, recombinant, expressed in HEK 293 cells, HumanKine [®] , suitable for cell culture
\square H6166 Interferon α 2B human IFN-α 2B, recombinant, expressed in HEK 293 cells, HumanKine [®] , suitable for cell culture
H5666 Granulocyte-Macrophage Colony-Stimulating Factor human GM-CSF, recombinant, expressed in HEK 293 cells, HumanKine [®] , suitable for cell culture
SRP3182 VEGF human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture
H6041 Interferon α 2A human IFN-α 2A, recombinant, expressed in HEK 293 cells, HumanKine [®] , suitable for cell culture
H4666 Activin A human recombinant, expressed in HEK 293 cells, HumanKine®, suitable for cell culture

H9166 Vascular Endothelial Growth Factor 165 human VEGF165, recombinant, expressed in HEK 293 cells, HumanKine®, suitable for cell culture
SCM045 Human Mesenchymal-XF Expansion Medium Xeno-free mesenchymal stem cell media specially formulated for the rapid expansion of human mesenchymal stem cells isolated from a variety of sources, including adipose and bone marrow tissues.
SRP3055 Heregulin beta -1 human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture
H7291 Interleukin-4 human IL-4, potency:, recombinant, expressed in HEK 293 cells, HumanKine [®] , suitable for cell culture
S3194 Stemline® Neural Stem Cell Expansion Medium without growth factors and antibiotics, liquid, sterile-filtered, suitable for cell culture
SCR140 Animal Free Collagenase/Dispase Blend II Animal Free Collagenase/Dispase Blend II is a mixture of animal free collagenase, type B, and neutral protease/dispase, and is inteneded to be used when a more potent enzymatic dissociatation solution than collagnaease is desired.
SRP3221 M-CSF from mouse Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture
SRP3211 IL-4 from mouse Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture
H6916 Macrophage Colony-Stimulating Factor human M-CSF, recombinant, expressed in HEK 293 cells, suitable for cell culture
SRP3276 SDF-1 ALPHA human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)

AOF ITS Supplement (100X), 100ml | SCM055

AOF ITS supplement is an animal-origin-free product that contains human recombinant insulin, transferrin along with sodium selenite and is used for the serum-free culture of numerous cell types.

SCM05

GF446
HumanKine [®] Thermostable bFGF,
Human Recombinant
Engineered bFGF growth factor with enchanced thermostability compared to the wild-type bFGF protein. Allows
a less vigorous feeding schedule for human es/ips and neural stem cell culture.
H8666
Transforming Growth Factor-β2 human
TGF-β2, recombinant, expressed in HEK 293 cells, HumanKine [®] , suitable for cell culture
H8041
Interleukin-23 human
IL-23, recombinant, expressed in HEK 293 cells, HumanKine [®] , suitable for cell culture
IL-23, recombinant, expressed in HER 293 cells, Humankine , Sultable for cell culture
H8791
Transforming Growth Factor-β3 human
TGF-β3, recombinant, expressed in HEK 293 cells, HumanKine [®] , suitable for cell culture
H5041
Cystatin C human
recombinant, expressed in HEK 293 cells, HumanKine [®] , suitable for cell culture
H7166
Interleukin-3 human
IL-3, recombinant, expressed in HEK 293 cells, HumanKine®, suitable for cell culture
il-3, recombinant, expressed in HEK 293 cells, Humankine ³ , suitable for cell culture
T7659
Trypsin Inhibitor, Defined (1X) Solution
Animal component free, BioReagent, suitable for cell culture
SRP3077
IL-15 human
Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell
culture
SRP3268
PDGF-AA human
Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
H7541
Interleukin-10 human
IL-10, recombinant, expressed in HEK 293 cells, HumanKine [®] , suitable for cell culture
-,,,
SRP3267 NT-3 human
Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
7 minute component 100, 1000 mentant, expressed in E. 0011, 20070 (000-1 AOE), 20070 (111 EO)

LIF human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
H6541 Oncostatin M human OSM, recombinant, expressed in HEK 293 cells, HumanKine®, suitable for cell culture
H8416 Stem Cell Factor human SCF, recombinant, expressed in HEK 293 cells, suitable for cell culture
SCR139 Animal Free Collagenase/Dispase Blend I Animal Free Collagenase/Dispase Blend I is a mixture of animal free collagenase, type B, and neutral protease/dispase, and is inteneded to be used when a more potent enzymatic dissociatation solution than collagnaease is desired.
SRP3274 IL-13 human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
H6666 Keratinocyte Growth Factor human KGF, recombinant, expressed in HEK 293 cells, HumanKine [®] , suitable for cell culture
SRP3156 Sonic Hedgehog human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture
H5416 FLT3 Ligand human recombinant, expressed in HEK 293 cells, HumanKine [®] , suitable for cell culture
SCR137 Animal Free Collagenase, Type B Animal Free Collagenase, Type B, is designed to have collagenase and secondary proteases similar to Types II collagenase.
SRP3050 Granulocyte-Macrophage Colony-Stimulating Factor human GM-CSF, Animal-component free, recombinant, expressed in <i>E. coli</i> , suitable for cell culture
SRP3263 G-CSF human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)

SRP3309 GDNF human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
SRP3266 IL-7 human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
SRP3330 IL-6 from mouse Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
SRP3178 TPO human Animal-component free, recombinant, expressed in <i>E. coli</i> , \geq 98% (SDS-PAGE), \geq 98% (HPLC), suitable for cell culture
SRP3151 SCF human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture
SRP3044 Flt-3 Ligand human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture
SRP3090 IL-3 human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture
SRP3234 SCF from mouse Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture
H9041 Vascular Endothelial Growth Factor 121 human VEGF121, recombinant, expressed in HEK 293 cells, HumanKine®, suitable for cell culture
SRP3269 RANTES human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
SCR136 Animal Free Collagenase, Type A Animal Free Collagenase, Type A, is designed to have collagenase and secondary proteases similar to Types I and II collagenase.

H7666 Interleukin-12 human HumanKine®, recombinant, expressed in HEK 293 cells, suitable for cell culture, endotoxin, tested
SCM044 FibroGRO® Xeno-Free Human Fibroblast Expansion Medium The FibroGRO Xeno-Free Human Fibroblast Expansion Medium is a new variation of our FibroGRO media that is optimized for the culture of fibroblasts without the use of animal-derived components.
SRP3311 IL-8 (72AA) human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
SRP3326 BMP-2 human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
SRP3100 KGF human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥95% (SDS-PAGE), ≥95% (HPLC), suitable for cell culture
SRP3329 EGF from mouse Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
L9545 Leukemia Inhibitory Factor human, animal component free recombinant, expressed in rice, 500 μg/mL
SRP3312 IL-10 human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
SCR138 Animal Free Collagenase, Type C Animal Free Collagenase, Type C, is designed to have collagenase and secondary proteases similar to Types III and IV collagenase.
SRP3310 IL-1ALPHA human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
SRP3018 Beta -NGF human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture

□ SRP3331 G-CSF from mouse Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
SRP3261 FGF-4 human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥95% (SDS-PAGE), ≥95% (HPLC)
SRP3088 IL-21 human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture
SRP3208 IL-3 from mouse Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture
SRP3275 IL-33 human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
SRP3305 BAFF human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
H7916 Interleukin-17F human HumanKine®, recombinant, expressed in HEK 293 cells, suitable for cell culture, endotoxin, tested
A4362 Activin A active human Animal-component free, recombinant, expressed in <i>Nicotiana</i> , >97% (SDS-PAGE)
SRP3079 IL-16 human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture
B0939 BAFF active human Animal-component free, recombinant, expressed in <i>Nicotiana</i> , >97% (SDS-PAGE)
□ SRP3277 SDF-1 BETA human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
□ SRP3332

M-CSF rat Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
SRP3272 TPO mouse Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
SRP3314 IL-22 human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
SRP3271 GM-CSF rat Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
SRP3145 PLGF-I human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥95% (SDS-PAGE), ≥95% (HPLC), suitable for cell culture
SRP3042 FGF-acidic human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥95% (SDS-PAGE), ≥95% (HPLC), suitable for cell culture
SRP3313 IL-17E human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
H6791 LEFTY-B human recombinant, expressed in HEK 293 cells, HumanKine [®] , suitable for cell culture
SRP3273 IFN-LAMBDA1 human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
SRP3328 IL-9 human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)
SRP3256 TPO from rat Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC), suitable for cell culture
SRP3264 GDF-3 human Animal-component free, recombinant, expressed in <i>E. coli</i> , ≥98% (SDS-PAGE), ≥98% (HPLC)

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