



Bolder when we work as one

When we collaborate, we innovate.

This is our time to harness our potential, form lasting partnerships, and make progress on our shared goals.

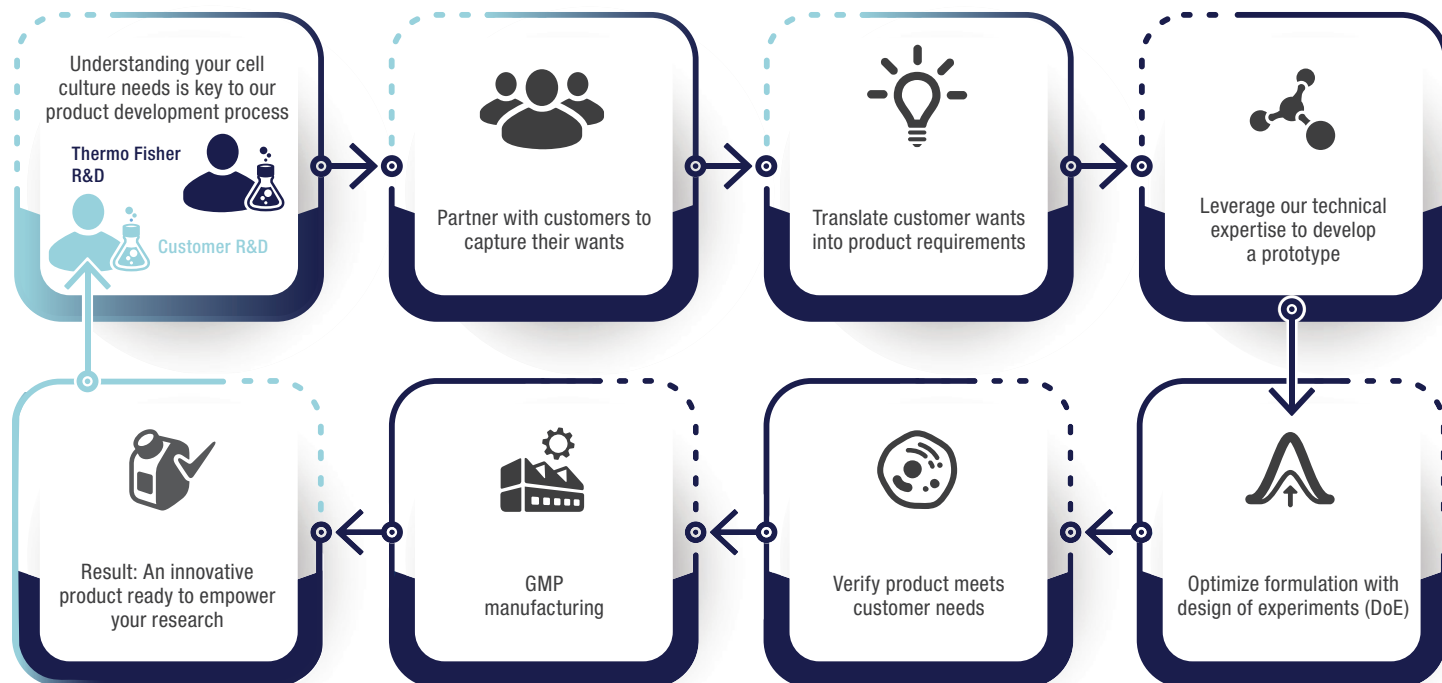
The world is ours for the changing.



We go beyond basic formulations by offering advanced cell culture solutions that help empower you to achieve consistently reproducible results. Thermo Scientific™, Invitrogen™, and Gibco™ cell culture products are designed to continuously push the boundaries of what is possible in cell culture, so that you can confidently pursue groundbreaking discoveries and transformative breakthroughs. Regardless of your environment or need, Thermo Fisher Scientific can offer your lab a multitude of compelling innovations.

Constant innovation for advanced cell culture, from our research labs to yours

You need a partner dedicated to helping you confidently forge new paths. Our team of skilled R&D scientists and our unwavering investment in innovation make cell culture products offered by Thermo Fisher the trusted choice of boundary-pushing scientists around the world.



Featured cell biology innovations

Discover all of our innovative cell biology solutions at thermofisher.com/cellbioinnovations

Cell culture media, FBS, and reagents



RUO/CTS

Gibco™ GlutaMAX™ Supplement

Improved stability compared to L-glutamine, to keep your cells healthier longer.



RUO/CTS

Gibco™ TrypLE™ Express Enzyme

Gentle on cells, protecting your cell's surface proteins.



Gibco™ One Shot™ FBS 50 mL bottle

Eliminates the need to aliquot, helping minimize contamination and reducing plastic waste up to 33%.



Gibco™ BenchStable™ DMEM

Engineered for flexibility and convenience to enable storage at room temperature.



Thermo Scientific™ Nunclon™ Supra surfaces

Help enhance cell yield and morphology in complex cell lines and primary cells.



Thermo Scientific™ Nalgene™ 5-Liter Shake Flasks

Exceptional for performing large-scale suspension cell culture and protein expression scale-up.



Gibco™ Human Plasma-Like Medium

Designed for pluripotent stem cell (PSC) suspension culture, delivering 5- to 10-fold expansion per passage.



Gibco™ OncoPro™ Tumoroid Culture Medium Kit

Streamline the culture of patient-derived cancer organoids to help make physiologically relevant cancer models more accessible.



Gibco™ PeproGMP™ cytokines

PeproGMP cytokines are for consistent lot-to-lot bioactivity in cell therapy applications, now including BDNF.

Transfection solutions



Invitrogen™ Lipofectamine™ reagents

Consistently transfect many cell types with high efficiency and exceptional ease of use.



Invitrogen™ Neon™ NxT Electroporation System

Designed and engineered for performance, speed, simplicity, and flexibility.



Invitrogen™ Vivofectamine™ Delivery Solutions

Off-the-shelf, easy-to-use advanced lipid nanoparticle (LNP) technology for *in vivo* delivery.

Neuronal cell culture



RUO/CTS

Gibco™ Neurobasal™ media

Maintain pure populations of neuronal cells without the need for an astrocyte feeder layer.



RUO/CTS

Gibco™ B-27™ supplements

Optimized formulation for improved long-term neuronal survival, functionality, and maturation.



Gibco™ CultureOne™ Supplement

Designed to significantly improve the differentiation of neural stem cells (NSCs) to neurons.

Pluripotent stem cell culture



RUO/CTS

Gibco™ Essential 8™ Medium

Fully defined, xeno-free formulations containing only the eight essential components needed to grow feeder-free.



RUO/CTS

Gibco™ StemFlex™ Medium

Formulated to provide prolonged stability of FGF2 and to support stressful applications, including gene editing.



RUO/CTS

Gibco™ StemScale™ PSC Suspension Medium

Designed for pluripotent stem cell (PSC) suspension culture, delivering 5- to 10-fold expansion per passage.

Protein expression systems



Gibco™ Expi293™ PRO Expression System Kit

Delivers the highest yields in a HEK293 expression system (up to 5 g/L), even for challenging and low-expressing proteins, within just 2–7 days, while offering high throughput and automation compatibility.



Gibco™ ExpiCHO™ Expression System Kit

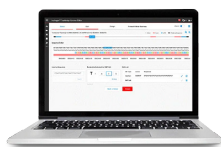
Achieves the highest yields from a CHO transient system—up to 3 g/L—with a seamless transition from research to bioproduction using Current Good Manufacturing Practice (CGMP)-banked cells and medium, while maintaining high protein quality and functionality.



Gibco™ ExpiSf™ Expression System Starter Kit

Generates 3x more protein compared to existing insect expression platforms.

Gene editing



Invitrogen™ TrueDesign™ Genome Editor

Easily design, select, and order reagents for accurate and successful gene editing experiments.



RUO/CTS

Invitrogen™ TrueCut™ and HiFi Cas9 proteins

Choose from our next generation of wild-type and high-fidelity Cas9 proteins.

Cell therapy



Gibco™ CTS™ StemScale™ PSC Suspension Medium

Designed for scalable suspension culture of PSCs, its easy-to-use, xeno-free workflow is excellent for translational and clinical applications.



Gibco™ CTS™ StemFlex™ Medium

Offers robust expansion, consistent long-term growth, flexible workflows, support for stressful applications, and regulatory compliance for use in ancillary materials.



Gibco™ CTS™ StemPro™-34 SF XenoFree Medium

A flexible, optimized medium supporting hematopoietic stem and progenitor cell therapy development and manufacturing applications.



Gibco™ CTS™ NK-Xpander™ Medium

Designed to proliferate a high yield of functional human natural killer (NK) cells with or without the use of feeder cells. Available in bottle and bioprocess container formats to facilitate culture scale-up.



Gibco™ CTS™ AIM V™ SFM

The first commercially available defined SFM for the proliferation and/or manipulation of T cells and dendritic cells, manufactured in compliance with CGMP regulations.



Gibco™ CTS™ viral vector production systems

The Gibco™ CTS™ LV-MAX Lentiviral Production System and Gibco™ CTS™ AAV-MAX Helper-Free AAV Production System offer cost-effective, scalable solutions for transitioning cell and gene therapy workflows from benchtop to bioreactor. They help reduce development costs, lower cost per dose, and accelerate speed to market.



Gibco™ CTS™ Rotea™ Counterflow Centrifugation System

Applies the proven counterflow centrifugation method to a broad range of cell processing applications, such as CAR T therapy, stem cell therapy, and PBMC isolation.



Gibco™ CTS™ Xenon™ Electroporation System

A large-volume electroporation system designed for cell therapy, offering reliably high transfection performance in 1 mL or 5–25 mL sizes, with exceptional cell viability and recovery.



Gibco™ CTS™ Compleo™ Fill and Finish System*

Experience flexibility in cell therapy drug formulation and filling with the CTS Compleo Fill and Finish System. This system supports various input and output volumes, which helps ensure accurate dosing even at small volumes. This system supports various input and output volumes, ensures accurate dosing even at small volumes, allows adjustable dosing per output line, and includes software for easy simulation and formulation recommendations.

*Coming soon

RUO/CTS Research Use Only (RUO) and Cell Therapy Systems (CTS) products both available.



Explore cell culture products designed for sustainability at thermofisher.com/greenercellculture

Explore products driving innovation

Cell culture media and reagents

Time-tested and trusted, Gibco™ cell culture media and reagents include products designed to support the growth and maintenance of a variety of mammalian cells and cell lines.

Learn more at thermofisher.com/media



FBS

Gibco™ FBS can help provide the cell health, maintenance, and viability critical for optimal performance and cell growth in your cell culture medium.

Learn more at thermofisher.com/fbs



Cell culture plastics

Thermo Scientific™ Nunc™ cell culture plastics offer a solution for every step of your workflow and are validated with Gibco™ products across multiple cell lines and applications.

Learn more at thermofisher.com/cellcultureplastics



Transfection

Our high-quality products for lipid-based transfection and electroporation are useful across a wide variety of cell types and applications.

Learn more at thermofisher.com/transfection



Stem cell research

We offer an extensive selection of high-quality media and reagents for pluripotent stem cells—available for both research use and cell therapy applications.

Learn more at thermofisher.com/stemcellculture



Neuronal cell culture

Gibco™ neuronal and neural cell media are optimized for the growth and support of primary neuronal and neural cell cultures. These media are cited in applications involving primary neurons, glial cells, and disease models.

Learn more at thermofisher.com/neuralculture



Protein expression

We offer a comprehensive range of Gibco™ Expi™ Protein Expression systems, fully optimized with cells, media, transfection reagents, and buffers, as well as standalone Gibco™ media formulations, to support the production of recombinant proteins for functional and therapeutic studies.

Learn more at thermofisher.com/proteinexpression



Gene editing

We offer a variety of genome editing solutions to meet your needs. Whether you want results fast, seek full control over every design step, or need help engineering cells to your specific requirements, we have solutions that fit.

Learn more at thermofisher.com/geneediting



Cytokines and growth factors

Gibco™ PeproTech™ recombinant proteins enable consistent, *in vivo*-like cell culture conditions. Choose from more than 500 proteins available in RUO, GMP, and animal origin-free grades.

Learn more at thermofisher.com/recombinantproteins



Cell therapy development

The Gibco™ Cell Therapy Systems™ (CTS™) product portfolio for cell and gene therapy is GMP-manufactured, safety-tested, and backed by regulatory documentation to support your transition from discovery through clinical and commercial manufacturing.

Learn more at thermofisher.com/cts



Featured innovations

Ordering information

Description	Quantity	Cat. No.
Cell culture media, reagents, and sera		
Human Plasma-Like Medium	500 mL	A4899101
BenchStable DMEM	500 mL	A4192101
GlutaMAX Supplement	100 mL	35050061
TrypLE Express Enzyme	500 mL	12604021 , 12605028
PeproGMP Human BDNF Recombinant Protein	25 µg	GMP450-02-25UG
One Shot FBS, Premium 50 mL bottle	50 mL	A5670401
OncoPro Tumoroid Culture Medium Kit	1 kit	A5701201

Find a media solution or customize your own formulation at thermofisher.com/mediaselect

Find the right FBS with the Gibco™ iMATCH™ Sera Lot Matching Tool at thermofisher.com/imatch

Search your cell line to find cell culture recommendations at thermofisher.com/cellcultureselect

PSC and neuronal cell culture		
StemFlex Medium	500 mL	A3349401
StemScale PSC Suspension Medium	1 L	A4965001
CultureCEPT Supplement	0.5 mL	A56799
Neurobasal Plus Medium	500 mL	A3582901
CultureOne Supplement	5 mL	A3320201

Protein expression systems		
Expi293 PRO Expression System Kit	1 kit	A40003643
ExpiCHO Expression System Kit	1 kit	A29133
ExpiSf Expression System Starter Kit	1 kit	A38841
Expi293 GnTI- Expression System Kit	1 kit	A39250
Expi293 Inducible Expression System	1 kit	A39251
Expi293 Inducible GnTI- Expression System Kit	1 kit	A39252

CTS products		
CTS StemScale PSC Suspension Medium	1 L	A5869601
CTS StemFlex Medium	500 mL	A5465001
CTS StemPro-34 SF XF Medium	500 mL	A6636901
CTS Xenon Electroporation System	1 system	A50301
CTS Rotea Counterflow Centrifugation System	1 system	A44769
CTS Compleo Fill and Finish System	Coming soon	thermofisher.com/compleo
CTS NK-Xpander Medium	500 mL	A5019001
CTS AIM V Medium, without phenol red, without antibiotics	2 L	A4672701
CTS AIM V SFM	1,000 mL	0870112DK
CTS LV-MAX Lentiviral Production System	1 kit	A35684
CTS AAV-MAX Transfection System	1 system	A5427701

Explore cell therapy manufacturing solutions at thermofisher.com/celltherapy

Transfection products		
Lipofectamine 3000 Transfection Reagent	0.1 mL	L3000001
Neon NxT Electroporation System Starter Kit with 1-Channel and 8-Channel Pipettes	1 kit	NEON18SK
Vivofectamine VF232 Liver LNP Composition in Ethanol	1 mL	VF232LVCE or VF232LVCECN*
Vivofectamine VF233 IM LNP Composition in Ethanol	1 mL	VF233IMCE or VF233IMCECN*

Find transfection products based on your needs at thermofisher.com/transfectionselect

Gene editing products		
TrueCut HiFi Cas9 Protein (1 µg/µL)	10 µg	A50574
CTS TrueCut Cas9 Protein	2.5 mg	A45220
CTS HiFi Cas9 Protein	2.5 mg	A54223

Explore the TrueDesign Genome Editor tool at thermofisher.com/truedesign

* For China only.

 Learn more at thermofisher.com/cellbioinnovations

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