

Stem cell research

Enabling your pluripotent stem cell therapy research

Translate your research to the clinic with CTS iPSC media and reagents



Gibco™ Cell Therapy Systems (CTS™) products have been developed to help facilitate the transition from discovery to clinical and commercial manufacturing by providing high-quality, GMP-manufactured ancillary materials, helping ensure commercial-scale production. These materials are extensively qualified, traceable, and accompanied by regulatory documentation.

Advancing your induced pluripotent stem cell (iPSC) therapy research to clinical applications requires careful material selection, as the quality of starting materials can significantly impact the properties of your final stem cell therapy product.

When you choose CTS products, you can expect:



GMP-manufactured products

- Designed to meet the latest guidance for ancillary materials for cell and gene therapy (CGT) (USP <1043>*, ISO 20399, EP 5.2.12.)
- Products manufactured under global quality standards (QMS ISO 9001 or 13485)
- Over 30 years of GMP-compliant manufacturing



Testing and documentation

- Extensive qualification and testing of critical raw materials
- Final product testing (e.g., mycoplasma, endotoxin, sterility)
- Types of traceability documentation: CoO, CoA, SDS



Dedicated regulatory and quality control teams

- Types of specialized documentation include Drug Master File, Regulatory Support File, validation, and regulatory agency letters
- Products used in over 200 clinical trials and commercialized therapies
- Global CGT regulatory affairs teams with regional expertise

* CTS products are designed to meet USP <1043>, ancillary material responsibilities for cell, gene, and tissue-engineered products, under a robust quality management system certified to ISO 9001 or 13485. All aspects of USP <1043> are the responsibility of the end user to assess. We are dedicated to supporting our customers' clinical translation.

iPSC manufacturing workflow



We support the development of your iPSC therapy from the earliest stages with high-quality research-use-only products. Learn more at thermofisher.com/stemcells.

Ordering information

Product	Cat. No.
CTS B-27 Supplement XenoFree	A5047501
CTS CytoTune-iPS 2.1 Sendai Reprogramming Kit	A34546
CTS DPBS, without calcium chloride, without magnesium chloride	A1285602
CTS Essential 6 Medium	A4238501
CTS Essential 8 Medium	A2656101
CTS HiFi Cas9 Protein	A54223
CTS KnockOut DMEM	A1286101
CTS KnockOut SR XenoFree Medium	12618012
CTS LV-MAX Production Medium	A4124001
CTS N-2 Supplement	A1370701
CTS PSC Cryomedium	A4238801
CTS PSC Cryopreservation Kit	A4239301
CTS RevitaCell Supplement (100X)	A4238401
CTS Rotea Counterflow Centrifugation System	thermofisher.com/rotea

Product	Cat. No.
CTS StemFlex Medium	A5465001
CTS StemPro-34 XenoFree Serum-Free Medium	A6636901
CTS StemScale PSC Suspension Medium	A5869601
CTS TrypLE Select Enzyme	A1285901
CTS Versene Solution	A4239101
CTS Vitronectin (VTN-N) Recombinant Human Protein, truncated	CTS27953
CTS Xenon Electroporation System	thermofisher.com/xenon
Heracell Vios 160i CR CO ₂ Incubator	51033770
Herasafe 2030i Biological Safety Cabinet CTS Series - EN12469	51033758
Nunc Cell Factory systems	139446
Nunc TripleFlask Treated Cell Culture Flask	132867
Sorvall X4 Pro centrifuges	75009505
CTS TrueCut Cas9 Protein	A45220
PeproGMP cytokines and growth factors	thermofisher.com/peprogmp

Find out more at thermofisher.com/ipsctherapy

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