

Human Pluripotent Stem Cell Products

Pluripotent Stem Cells can be derived from the inner cell mass of a blastocyst (an early-stage embryo), termed embryonic stem (ES) cells, or induced from somatic cells by ectopic expression of a set of transcription factors including Oct3/4, Sox2, c-Myc, Klf4, Nanog, named iPS cells. These cells are able to self-renew and differentiate into all derivatives of the three primary germ layers: ectoderm, mesoderm and endoderm.

ScienCell provides a wide range of quality stem cell products including culture medium & reagents, differentiation medium, feeder cells, matrices & Cultureware, molecular biology products, gene analysis tools, growth factors, and hPSC-derived cells.

Medium & Reagents

Product	Code	Cat. #
STEMium® Human Pluripotent Stem Cell Growth Medium	STEMium	5801
STEMium® Human Pluripotent Stem Cell Growth Medium-Xeno free	STEMium-XF	5811
STEMium® Human Pluripotent Stem Cell Growth Medium-animal component free	STEMium-ACF	5821
Mouse Embryonic Fibroblasts-Conditioned Medium	MEF-cm	5881
bFGF-Stimulated Mouse Embryonic Fibroblast-Conditioned Medium	bFGF-std MEF-cm	5891
StemDS® Human Embryonic Stem Cell Dissociation Solution	StemDS	5803
Human Pluripotent Stem Cell Cryopreservation Medium	StemCryo	0153



STEMium® Human Pluripotent Stem Cell Growth Medium (Cat. #5801)



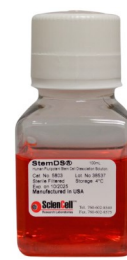
STEMium® Human Pluripotent Stem Cell Growth Medium - Xeno-Free (Cat. #5811)



STEMium® Human Pluripotent Stem Cell Growth Medium-animal component free (Cat. #5821)



Human Pluripotent Stem Cell Cryopreservation Medium (Cat. #0153)



StemDS® Human Pluripotent Stem Cell Dissociation Solution (Cat. #5803)

Feeders, Matrices & Cultureware

Human Dermal Fibroblasts-fetal	HDF-f	2300
Human Dermal Fibroblasts-fetal-mitomycin c treated	HDF-f-mt	2350
Mouse Embryonic Fibroblasts from CD1 mouse, P0	MEF	M7540
Mouse Embryonic Fibroblasts-mitomycin C treated from CD1 mouse, P3	MEF-mt	M7540-mt
Mouse Embryonic Fibroblasts from CF1 mouse, P0	MEF	M7570
Mouse Embryonic Fibroblasts-mitomycin C treated from CF1 mouse, P3	MEF-mt	M7570-mt
0.2% Gelatin Solution	GSN	0423
Human Cellular Fibronectin	HCF	8488
Bovine Plasma Fibronectin	BPF	8248
Bovine Plasma Vitronectin	BPV	8538
Ultra-Low Binding Culture Plate 6-well plate	ULBC Plates	0373
Ultra-Low Binding Culture Plate 24-well plate	ULBC Plates	0383

Molecular Biology

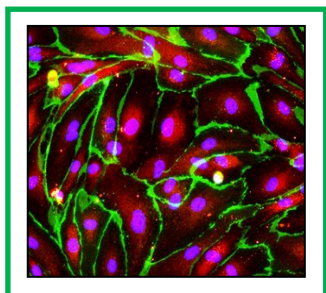
HDF-derived Human Induced Pluripotent Stem Cell Total RNA	HIPSC-HDF tRNA	5805
HDF-derived Human Induced Pluripotent Stem Cell miRNA	HIPSC-HDF miRNA	5807
Human Embryonic Stem Cell H9 Total RNA	HESC-H9 tRNA	5825



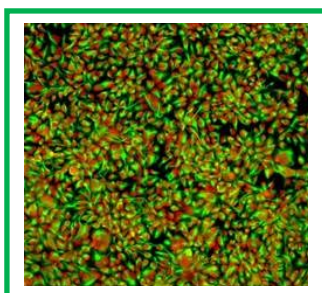
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hPSC-derived Cells & Differentiation Media

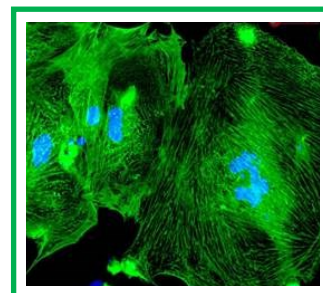
HiPSC-derived Neural Stem Cells	HiPSC-NSC	1650
HPSC-derived Neural Stem Cells	H9-NSC	1660
HPSC-derived Endothelial Cells	hPSC-EC	1680
HiPSC-derived Endothelial Cells	HiPSC-EC	1690
HPSC-derived Cardiomyocytes	H9-CM	6250
HPSC Cardiomyocyte Differentiation Medium Kit	PSCCDK	5901
Cardiomyocyte Selective Medium	CSM	5911
HPSC Neural Induction Medium	PSCNIM	5931



hPSC-derived Endothelial Cells
(Cat. #1680 & #1690)



HiPSC-derived and hPSC-derived Neural Stem Cells
(Cat. #1650 & #1660)



hPSC-derived Cardiomyocytes
(Cat. #6250)

Reprogramming

Product	Code	Cat. #
Human Dermal Fibroblasts-fetal	HDF-f	2300
Human Dermal Fibroblasts-neonatal	HDF-n	2310
Human Dermal Fibroblasts-adult	HDF-a	2320
Human Epidermal Keratinocytes-neonatal	HEK	2100

Characterization

Alkaline Phosphatase Staining Assay (Red)	ALPr	8288
Alkaline Phosphatase Activity Assay	ALP	8258
Human Stem Cell Pluripotency Detection Kit	HSC PCR	0853
Human Germ Layer Detection Kit	HGL PCR	0833
GeneQuery™ Human Pluripotent Stem Cell qPCR Array Kit	GQH-hPSC	GK002
GeneQuery™ Human Stem Cell Transcription Factors qPCR Array Kit	GQH-SCT	GK125
Absolute Human Telomere Length Quantification qPCR Assay Kit	AHTLQ	8918
Relative Human Telomere Length Quantification qPCR Assay Kit	RHTLQ	8908

Growth Factors

Recombinant Human Fibroblast Growth Factor-basic	rhbFGF	104-02
Recombinant Human Bone Morphogenetic Protein-4	rhbBMP-4	108-04
Recombinant Human Epidermal Growth Factor	rhEGF	105-04
Recombinant Human Bone Morphogenetic Protein-2	rhBMP-2	108-02
Recombinant Human Bone Morphogenetic Protein-7	rhBMP-7	108-07
Recombinant Human NOGGIN	rhNOGGIN	108-09

