

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.

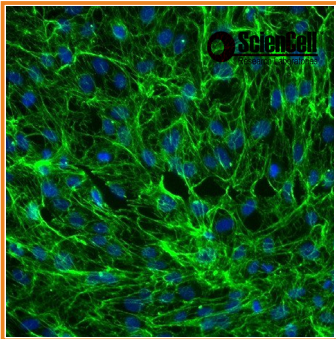
	Product	Code	Cat. #
Medium & Reagents	STEMium® Human Pluripotent Stem Cell Growth Medium	STEMium	5801
	STEMium® Human Pluripotent Stem Cell Growth Medium-Xeno free	STEMium-XF	5811
	STEMium® Human Pluripotent Stem Cell Growth Medium-animal component free	STEMium-ACF	5821
	Mouse Embryonic Fibroblasts-Conditioned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

**Our products are intended for research use only*

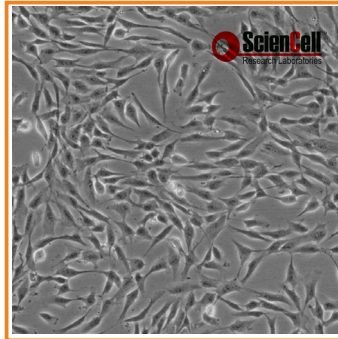


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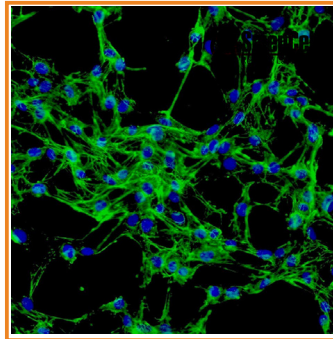
Reprogramming	Product	Code	Cat. #
	Human Dermal Fibroblasts-fetal	HDF-f	2300
	Human Dermal Fibroblasts-neonatal	HDF-n	2310
	Human Dermal Fibroblasts-adult	HDF-a	2320
	Human Epidermal Keratinocytes-neonatal	HEK	2100



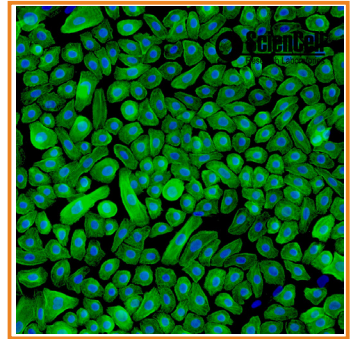
(Cat. #2300) - Immunostaining for Fibronectin, 200x



(Cat. #2310) - Phase contrast, 100x



(Cat. #2320) - Immunostaining for Fibronectin, 200x



(Cat. #2100) - Immunostaining for CK-18, 200x

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	rhBMP-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

Differentiation Media & hPSC-derived Cells	HPSC Cardiomyocyte Differentiation Medium Kit	PSCCDK	5901
	Cardiomyocyte Selective Medium	CSM	5911
	HPSC Neural Induction Medium	PSCNIM	5931
	HPSC-derived Cardiomyocyte Cells	HPSC-CC	6240
	HPSC-derived Neural Stem Cells	HPSC-NSC	1650

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