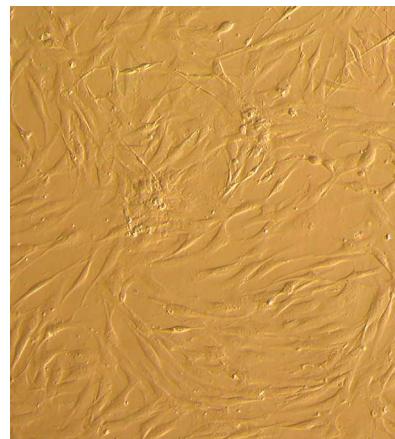
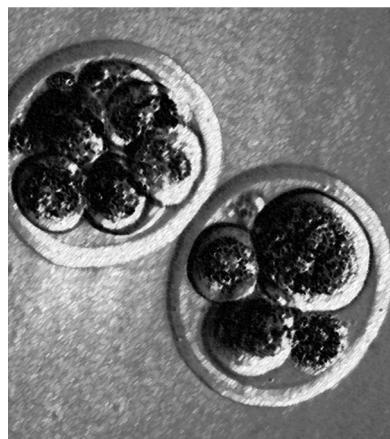


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National Stem Cell Resource

The National Stem Cell Resource (NSCR), in association with ATCC, actively accesses, characterizes, replicates, and distributes stem cells from a variety of sources. These include nonhuman embryonic stem (ES) cells as well as lineage- or tissue-specific neonatally derived stem cells from a variety of species. These cells are fully characterized with respect to germline competence and chimerism, marker expression, differentiative potential, transfectability, selective agent sensitivity, and vector suitability.

Part of the mission of the NSCR is to develop and distribute information and reagents related to optimized medium formulations, standardized medium components and feeder layers, and protocols applicable across species and strains. Towards this end, we offer a full line of support products including feeder layer cells as well as ES-qualified media, sera, and reagents—the same high-quality products used by the NSCR to grow and characterize these cells.

Stem Cells

Name	Description	Species	Catalog No.
Embryonic Stem (ES) Cells			
ES-C57BL/6	embryonic stem cell; germline competent	mouse	SCRC-1002
ES-D3 GL	embryonic stem cell; germline competent	mouse	SCRC-1003
ES-D3	embryonic stem cell; pluripotent	mouse	CRL-1934
AINV 15	embryonic stem cell; doxycycline-inducible HPRT target ES line	mouse	SCRC-1029
R1/E	embryonic stem cell; germline competent	mouse	SCRC-1036
TK#1	embryonic stem cell; disrupted IRF-2 gene	mouse	CRL-11383
56B3	embryonic stem cell; disrupted lck gene	mouse	CRL-2542
9TR#1	embryonic stem cell; disrupted TNFR p55 gene	mouse	CRL-11379
ES-E14TG2a	embryonic stem cell; pluripotent; HGRPT deficient	mouse	CRL-1821
36.5 (CD8+)	embryonic stem cell; pluripotent; null for Lyt-2 (CD8) expression	mouse	CRL-11116

Embryonal Carcinoma (EC) Cells: Mouse

F9	embryonic carcinoma; testicular teratoma	mouse	CRL-1720
NULLI-SCC1	teratocarcinoma; nullipotent; pluripotent	mouse	CRL-1566
NFPE	embryo; embryonic carcinoma	mouse	CRL-2069
PFHR 9	embryo; embryonic carcinoma; HAT resistant	mouse	CRL-2423
P19	embryo; teratocarcinoma; pluripotent	mouse	CRL-1825
NE	embryonic carcinoma; teratocarcinoma; nullipotent; pluripotent	mouse	CRL-2070
NF-1	embryonic carcinoma; teratocarcinoma; nullipotent; pluripotent	mouse	CRL-2075
SCC-PSA1	embryonic carcinoma; teratocarcinoma; pluripotent	mouse	CRL-1535

Progenitor and Precursor Cells from Bone Marrow

EML Cell Line, Clone 1	bone marrow; lymphohematopoietic progenitor cell line	mouse	CRL-11691
D1 ORL UVA	bone marrow; multipotent stromal precursor	mouse	CRL-12424
MPRO Cell Line, Clone 2.1	bone marrow; neutrophil progenitor cell line	mouse	CRL-11422

Embryonal Carcinoma (EC) Cells: Human

NTERA-2	embryonal carcinoma; teratocarcinoma; nullipotent; pluripotent	human	CRL-1973
NCCIT	embryonal carcinoma; teratocarcinoma; nullipotent; pluripotent	human	CRL-2073
Cates-1B	embryonal carcinoma; teratocarcinoma; nullipotent; pluripotent	human	HTB-104
Tera-1	embryonal carcinoma; teratocarcinoma; nullipotent; pluripotent	human	HTB-105
Tera-2	embryonal carcinoma; teratocarcinoma; nullipotent; pluripotent	human	HTB-106

Antibody

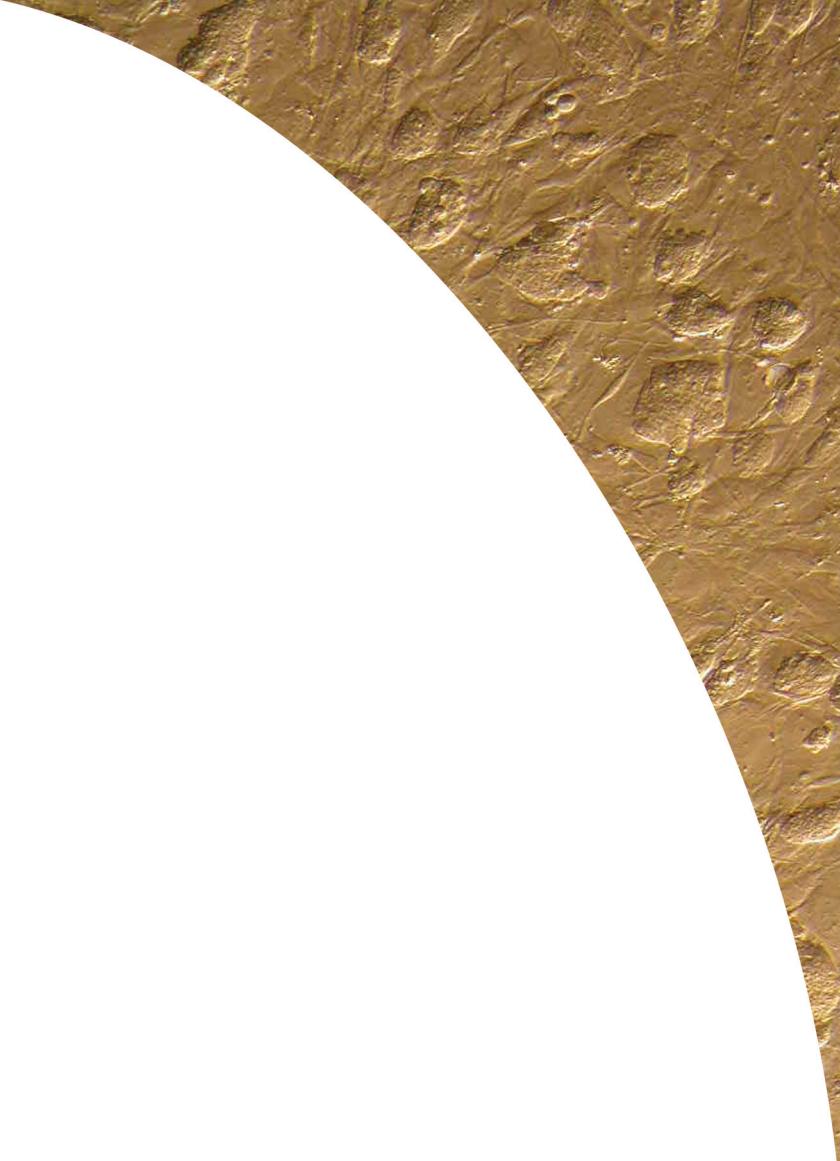
Name	Description	Species	Catalog No.
anti-Nestin	Anti-Nestin antibody, polyclonal	rabbit	SCRR-1001

Feeder Layer Cells

Name	Description	Species	Catalog No.
C57Bl/6 MEF	C57Bl/6 mouse embryonic fibroblasts	mouse	SCRC-1008
C57Bl/6 MEF IRR	C57Bl/6 mouse embryonic fibroblasts, irradiated	mouse	SCRC-1008.1
C57Bl/6 MEF Mit-C	C57Bl/6 mouse embryonic fibroblasts, mitomycin C treated	mouse	SCRC-1008.2
CF-1 MEF	CF-1 mouse embryonic fibroblasts	mouse	SCRC-1040
CF-1 MEF IRR	CF-1 mouse embryonic fibroblasts, irradiated	mouse	SCRC-1040.1
CF-1 MEF MIT-C	CF-1 mouse embryonic fibroblasts, treated with mitomycin C	mouse	SCRC-1040.2
3T3-Swiss albino	embryonic fibroblast-derived cell line	mouse	CCL-92
3T3-Swiss albino, Irradiated	3T3-Swiss albino embryonic fibroblasts, irradiated	mouse	48-X
STO	embryonic fibroblast-derived cell line	mouse	CRL-1503
STO, Irradiated	STO embryonic fibroblasts, irradiated	mouse	56-X
OP9	bone marrow; stroma	mouse	CRL-2749
C166	yolk sac; endothelial	mouse	CRL-2581
C166-GFP	yolk sac; endothelial; GFP expressing	mouse	CRL-2583
AFT024	embryonic liver	mouse	SCRC-1007
AFT024 IRR	AFT024 irradiated	mouse	SCRC-1007.1
HFF	human foreskin fibroblasts	human	SCRC-1041
HFF IRR	human foreskin fibroblasts, irradiated	human	SCRC-1041.1
HFF MIT-C	human foreskin fibroblasts, treated with mitomycin C	human	SCRC-1041.2
CCD-1076Sk	human foreskin fibroblasts; adult	human	CRL-2096
CCD-1112Sk	human foreskin fibroblasts	human	CRL-2429
CCD-1114Sk	human foreskin fibroblasts	human	CRL-2450
MRC-5	lung	human	CCL-171
MRC-5, Irradiated	lung cells, irradiated	human	55-X
HS-5	bone marrow; stroma; HPV-16 E6/E7 transformed	human	CRL-11882
HS-27A	bone marrow; stroma; HPV-16 E6/E7 transformed	human	CRL-2496

Media, Serum, and Reagents

Description	Quantity	Catalog No.
ES-DMEM, qualified for ES cells, without L-glutamine, with high glucose	500 ml	SCRR-2010
Fetal Bovine Serum, ES Qualified	500 ml	SCRR-30-2020
Dulbecco's Modified Eagle's Medium	500 ml	30-2002
L-Alanyl-L-Glutamine Solution, 200 mM, 100x	100 ml	30-2115
MEM Non-Essential Amino Acid Solution, 100x	100 ml	30-2116
Phosphate Buffered Saline, without calcium or magnesium	500 ml	SCRR-2201
Trypsin/EDTA Solution (0.25%/0.53 mM) in Hank's BSS	100 ml	30-2101
Penicillin/Streptomycin Solution	100 ml	30-2300
Trypan Blue Solution, 0.4% in PBS	40 ml	30-2402
Erythrosin B Solution, 0.1% in PBS	40 ml	30-2404
Dimethylsulfoxide (DMSO)	5 x 5 ml	4-X
G418 Sulfate	5 g	30-2305



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