

Cell	Morphology	Description	Also known as	Adherent	Material	Results	Protocol
293	Fibroblast	Human embryonic kidney Fibroblast	HEK293, HEK 293	Adherent	DNA	80-90% transfection efficiency	available
293T	Fibroblast	Human embryonic kidney Fibroblast	HEK293T, HEK 293T	Adherent	DNA	80-90% transfection efficiency	available
3T3	Fibroblast	Murine embryonic fibroblasts	NIH/3T3, NIH 3T3	Adherent	DNA	Good transfection efficiency	available
3T3	Fibroblast	Murine embryonic fibroblasts	NIH/3T3, NIH 3T3	Adherent	siRNA	90% silencing efficiency at 20 nM siRNA	available
3T3-L1	Fibroblast. Adipocyte -like when confluent	Murine embryonic fibroblasts	NIH/3T3-L1, NIH 3T3 L1	Adherent	DNA	20-40% transfection efficiency	standard protocol
A 549	Epithelial	Human lung carcinoma cells, type II pneumocytes	A549	Adherent	DNA	70- 90% transfection efficiency	standard protocol
A 549	Epithelial	Human lung carcinoma cells, type II pneumocytes	A549	Adherent	DNA & siRNA	90% silencing efficiency	standard protocol
A 549	Epithelial	Human lung carcinoma cells, type II pneumocytes	A549	Adherent	siRNA	90-95% transfection efficiency at 10 nM siRNA	available
Astrocytes, mouse newborn primary	Astrocyte	Primary mouse newborn astrocytes		Adherent	DNA	20- 30% transfection efficiency	standard protocol
B16- F10	Epithelial	Murine melanoma cells		Adherent	DNA	70-80% transfection efficiency	standard protocol
C2C12	Myoblast	Murine myoblasts		Adherent	DNA	60-80% transfection efficiency	available
C2C12	Myoblast	Murine myoblasts		Adherent	siRNA	80 % silencing efficiency at 50 nM siRNA	available
C3H/10T1/2	Fibroblast	Murine embryonic fibroblastic cells	10T1/2	Adherent	DNA	50-70 % transfection efficiency	available
CaCo2	Epithelial	Human colon carcinoma epithelial cells		Adherent	DNA	30% transfection efficiency	standard protocol
CaCo2	Epithelial	Human colon carcinoma epithelial cells		Adherent	siRNA	70-80% silencing efficiency using 25 nM siRNA	available
Cardiomyocytes , rat primary	Myoblast	Rat neonatal primary cardiomyocytes		Adherent	DNA	10% transfection efficiency	available
CHO-K1	Epithelial	Chinese hamster ovary cells		Adherent	DNA	70- 80 % transfection efficiency	available
COS-7	Fibroblast	African green monkey kidney cells	COS, COS7	Adherent	DNA	70% transfection efficiency	available
DU 145	Epithelial	Human prostate carcinoma cells		Adherent	DNA	Good transfection efficiency	standard protocol
EJ	Epithelial	Human bladder carcinomal cells		Adherent	DNA	80 % transfection efficiency	available
ES cells	Rounded and grow in clumps	Mouse embryonic stem cells	mES	Adherent	DNA	40-50% transfection efficiency	standard protocol
Fibroblasts, mouse embryonic immortalized	Fibroblast	Immortalized mouse embryonic fibroblasts	iMEF	Adherent	DNA	50-65% transfection efficiency	standard protocol
H358	Epithelial	Human bronchioalveolar carcinoma; non-small cell lung carcinoma cells		Adherent	DNA	Good transfection efficiency	standard protocol
H441	Epithelial	Human lung papillary adenocarcinoma		Adherent	DNA	Good transfection efficiency	standard protocol
H522	Epithelial	Human lung adenocarninoma, non-small cell lung carcinoma		Adherent	DNA	Good transfection efficiency	standard protocol
HBEC	Epithelial	Human bronchial epithelial cells		Adherent	DNA	Excellent transfection efficiency	standard protocol
HCT-116	Epithelial	Human colon carcinoma cells	HCT116	Adherent	DNA	70% transfection efficiency	available
HEK 293	Fibroblast	Human embryonic kidney Fibroblast	HEK293, 293	Adherent	DNA	80-90% transfection efficiency	available
HEK 293T	Fibroblast	Human embryonic kidney Fibroblast	HEK293T, 293T, HEK-293T	Adherent	DNA	80-90% transfection efficiency	available
HeLa	Epithelial	Human cervix epitheloid carcinoma cells		Adherent	DNA	80% transfection efficiency	available
HeLa	Epithelial	Human cervix epitheloid carcinoma cells		Adherent	siRNA	85% silencing efficiency at 20 nM siRNA	available
HepG2	Epithelial	Human hepatocarcinoma cells		Adherent	DNA	60% transfection efficiency	available
Huh-7	Epithelial	Human hepatocarcinoma cells	Huh7, Huh 7	Adherent	DNA	40% transfection efficiency	standard protocol
MCF-7	Epithelial	Human breast adenocarcinoma cells	MCF7, MCF 7	Adherent	DNA	Very good transfection efficiency	standard protocol
MEF	Fibroblast	Murine embryonic fibroblasts cells		Adherent	siRNA	85% silencing efficiency at 25 nM siRNA	available
Melanocytes, human primary		Human primary melanocyte cells		Adherent	DNA	40 - 50% transfection efficiency	standard
Melanocytes, human primary		Human primary melanocyte cells		Adherent	siRNA	85% silencing efficiency at 25 nM siRNA	available
Melanoma, human primary	Epithelial	Human primary melanoma cells		Adherent	DNA	40 - 50% transfection efficiency	standard protocol
Mesenchymal stem cells		Primary mesenchymal stem cells		Adherent	DNA	70% transfection efficiency	available
Microglial, human immortalized cell line	Glial	Human immortalized microglial cells		adherent	DNA	40 to 60% transfection efficiency	available
mIMCD-3	Epithelial	Mouse kidney epithelial cell line	MIMCD3	Adherent	DNA	50% transfection efficiency	standard
Neuro2A	Neuronal	Murine neuroblastoma cells	N2A	Adherent	DNA	50 - 70% transfection efficiency	standard protocol
NIE115	Neuronal	Mouse neuroblastoma cells		Adherent	DNA & siRNA	80% transfection efficiency	standard protocol
NIH 3T3	Fibroblast	Murine embryonic fibroblasts	NIH/3T3, 3T3	Adherent	DNA	Good transfection efficiency	available
NIH 3T3	Fibroblast	Murine embryonic fibroblasts	NIH/3T3, 3T3	Adherent	siRNA	90% silencing efficiency at 20 nM siRNA	available
NIH 3T3-L1	Fibroblast. Adipocyte -like when confluent	Murine embryonic fibroblasts	NIH/3T3-L1, 3T3-L1	Adherent	DNA	20-40% transfection efficiency	standard protocol
PC-3	Epithelial	Human prostate carcinoma cells	PC3, PC 3	Adherent	DNA	70% transfection efficiency	available
Phoenix	Epithelial	Human embryonic kidney Fibroblast transformed with adenovirus E1a. Available through Orbigen.		Adherent	DNA	High transfection efficiency.	standard protocol
RAW 264.7	Myeloblast	Murine monocytes/macrophages	RAW	Semi-adherent	DNA	40 - 50% transfection efficiency	available
SCC-9	Epithelial	Human tongue squamous cell carcinoma	SCC9	Adherent	DNA	60-70% trnsfection efficiency	available
SH-SY5Y	Neuronal	Human neuroblastoma cells		Adherent	DNA	70% transfection efficiency	available
SH-SY5Y	Neuronal	Human neuroblastoma cells		Adherent	siRNA	90 - 95 % silencing efficiency at 25 nM siRNA	available
SKOV-3	Epithelial	Human ovary carcinoma cells	SKOV3	Adherent	DNA	70- 80% transfection efficiency	available
SW 480	Epithelial	Human colon adenocarcinoma cells		Adherent	DNA & siRNA	Good transfection efficiency	standard protocol
TM3	Leydig cells	Mouse Leydig cells	TM-3	Adherent	DNA	good transfection efficiency	standard protocol
VERO	Epithelial	African green monkey kidney cells		Adherent	DNA	50% transfection efficiency	available