

Customer Recommended DharmaFECT Formulation for Various Cell Lines

The information provided in the table below represents anecdotal customer feedback. Please note that Dharmacon has not validated this information and offers this as a courtesy. We encourage customers to optimize important parameters such as cell number, DharmaFECT volume, and control siRNA. See the DharmaFECT General Transfection Protocol for optimization guidelines (gelifesciences.com/dharmacon/resource-library).

Human		
Cell Line	Cell Type	Successful DharmaFECT
143B	Osteosarcoma	1
786-0	Renal epithelial adenocarcinoma	4
A-431	Skin Epidermal Carcinoma	1
AU565	Breast Adenocarcinoma	1
BT-474	Breast Carcinoma	1
Caco-2	Colorectal Adenocarcinoma	1
DLD-1	Colorectal Adenocarcinoma	4
GM5756T	Fibroblasts	4
H1155	Lung Carcinoma	1
H2122	Lung Adenocarcinoma	1, 2, 3, 4
H2126	Lung Adenocarcinoma	3
hASMC	Aortic Smooth Muscle	1
HBEC30	Lung Carcinoma	3
HBEC34	Lung Carcinoma	2
HBEC3-KT	Lung Carcinoma	1
HCC1569	Breast Carcinoma	1
HCC193	Nonsmall cell lung carcinoma	1, 2, 3, 4
HCC1954	Breast Carcinoma	1
HCC366	Lung Adenocarcinoma	1
HCC4017	Lung Carcinoma	2
HCT116	Colorectal Carcinoma	1, 2, 3, 4
Hep3B	Hepatocellular Carcinoma	4
HEY	Ovarian Carcinoma	1
HL60	Promyelocytic Leukemia	1
Hs578T	Breast Adenocarcinoma	1
Huh7	Hepatoma	1, 4
IGROV1	Ovarian Carcinoma	1
IHGK	Immortal Keratinocytes	1



IMR-32	Neuroblastoma	2
Jurkat	Leukemia T-cell lymphoblast	4
LS180	Colon Carcinoma	1
MDA-MB 361	Breast Adenocarcinoma	1
MDA-MB-231	Breast Adenocarcinoma	1
MIA PaCa-2	Pancreatic Carcinoma	2
MS53	Lung Carcinoma	4
OVCAR-3	Ovarian Carcinoma	1
OVCAR-5	Ovarian Carcinoma	1
OVCAR-8	Ovarian Carcinoma	1
PANC-1	Pancreatic Carcinoma	4
PANC-10	Pancreatic Carcinoma	4
Primary	Primary Chondrocytes	1, 2, 3, 4
Primary	Primary Fibroblasts	1, 3
Primary	Primary Microglial	3
Primary	Primary Placental Trophoblasts	2
SCLC	Small Cell Lung Carcinoma	2
SKBR3	Breast Epithelial Adenocarcinoma	1
SK-OV-3	Ovarian Adenocarcinoma	1, 2, 3, 4
SKW6.4	B lymphocyte	4
SNB19	Glioblastoma	4
SW 1353	Chondrosarcoma	1
SW620	Colorectal Adenocarcinoma	1, 2, 3
T98G	Gioblastoma	2
U-2 OS	Osteosarcoma	1
U251	Glioblastoma	4
UACC816	Breast carcinoma	1
WI-38	Lung fibroblast	1
ZR-75-30	Breast carcinoma	1

Mouse		
Cell Line	Cell Type	Successful DharmaFECT
3T3-Swiss	Fibroblast	3
COMMA-D	Mammary Epithelial	1
G1E	Gata-1 erythroid-committed cell line	2
MEF	Embryonic Fibroblast	4
Neuro2A	Neuroblastoma	2
NIH/3T3	Embryonic Fibroblast	3
NMuMG cells	Mammary Epithelial	4
Primary	Primary Glial	3
Primary	Primary Muscle	4
Primary	Primary Hepatocytes	1
Primary	Primary Neuronal	3
RGC	Retinal Ganglion	4
S91	Cloudman S91 Melanoma	1

Rat		
Cell Line	Cell Type	Successful DharmaFECT
Cardiac myocytes	Neonatal - Primary	1
FaO	Liver Hepatoma	2
H9c2	Cardiomyoblast	1,2
L2	Lung Epithelial	1
L6	Skeletal Muscle Myoblast	3
McA-RH7777	Liver Hepatoma	4
PC12	Adrenal Gland Pheochromocytoma	1, 2, 3
Primary	Primary Cardiac Myocytes	1
Primary	Primary Hippocampal	3
Primary	Primary Hepatocytes	1
Primary	Primary Neuronal	3
RC4B	Lactogonadotrope	1, 2, 3, 4

Other		
Cell Line	Cell Type	Successful DharmaFECT
Primary	Canine Primary chondrocyte	2,4
Primary	Bovine Microvascular Retinal Endothelial	1
LR73	Chinese Hamster Ovary Derivative	2

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