

Cell Lines Transfected with Cellaxess®

Cell name: 293T**

Supplier: ATCC# CCL-11268
 Cell origin & type: Human, kidney, epithelial
 Performed by: Customer
 Transfection efficiency (%): 50-70 (plasmid)
 Viability (%): ~80
 Cellaxess System: Cellaxess®CX3

Cell name: 3T3-L1**

Supplier: ATCC# CL-173
 Cell origin & type: Mouse, embryonic, fibroblast
 Performed by: In-house
 Transfection efficiency (%): 10-20 (plasmid)
 Viability (%): ~90
 Cellaxess System: Cellaxess®CX3

Cell name: 3T3-L1 adipocytes***

Supplier: ATCC# CL-173
 Cell origin & type: Mouse, embryonic, fibroblast
 Performed by: In-house
 Transfection efficiency (%): 5-10 (plasmid), 75 (siRNA)
 Viability (%): ~90
 Cellaxess System: Cellaxess®CX3, Cellaxess®HT

Cell name: 143B*

Supplier: ATCC# CRL-8303
 Cell origin & type: Human, bone, osteosarcoma
 Performed by: In-house
 Transfection efficiency (%): In Development
 Viability (%): ~85
 Cellaxess System: Cellaxess®HT

Cell name: A549*

Supplier: ATCC# CCL-185
 Cell origin & type: Human, lung, epithelial
 Performed by: Customer
 Transfection efficiency (%): ~50 (plasmid)
 Viability (%): ~80
 Cellaxess System: Cellaxess®CX3

Cell name: BS-C-1***

Supplier: ATCC# CCL-26
 Cell origin & type: African green monkey, kidney, epithelial
 Performed by: Customer
 Transfection efficiency (%): 70 (plasmid)
 Viability (%): Not Quantified
 Cellaxess System: Cellaxess®CX3

Cell name: C2C12*
Supplier: ATCC# CRL-1772
Cell origin & type: Mouse, skeletal muscle, myoblast
Performed by: Customer
Transfection efficiency (%): Not Quantified
Viability (%): Not Quantified
Cellaxess System: Cellaxess®CX3

Cell name: CHO*
Supplier: ATCC# CCL-61
Cell origin & type: Hamster, ovarian, epithelial
Performed by: Customer
Transfection efficiency (%): ~70 (plasmid)
Viability (%): ~80
Cellaxess System: Cellaxess®CX3

Cell name: GH4C1*
Supplier: ATCC# CCL-82.2
Cell origin & type: Rat, pituitary, epithelial
Performed by: Customer
Transfection efficiency (%): Not Quantified
Viability (%): Not Quantified
Cellaxess System: Cellaxess®CX3

Cell name: HCT116*
Supplier: ATCC # CCL-247
Cell origin & type: Human, colon, epithelial
Performed by: Customer
Transfection efficiency (%): ~40 (plasmid)
Viability (%): ~80
Cellaxess System: Cellaxess®HT

Cell name: HEK-293**
Supplier: Customer
Cell origin & type: Human, kidney, epithelial
Performed by: Customer
Transfection efficiency (%): 50-70 (plasmid)
Viability (%): ~80
Cellaxess System: Cellaxess®CX3

Cell name: HeLa-S3**
Supplier: ATCC# CCL-2.2
Cell origin & type: Human, cervix, epithelial
Performed by: In-house and customer
Transfection efficiency (%): ~50 (plasmid)
Viability (%): ~80
Cellaxess System: Cellaxess®CX3, Cellaxess®HT

Cell name: HeLa**
Supplier: ATCC# CCL-2.2
Cell origin & type: Human, cervix, epithelial
Performed by: Customer
Transfection efficiency (%): ~50 (plasmid)
Viability (%): ~80
Cellaxess System: Cellaxess®CX3, Cellaxess®HT

Cell name: HT29*
Supplier: ATCC# HTB-38
Cell origin & type: Human, colon, epithelial
Performed by: Customer
Transfection efficiency (%): Not Quantified
Viability (%): Not Quantified
Cellaxess System: Cellaxess®CX3

Cell name:	Jurkat**
Supplier:	ATCC # TIB-152
Cell origin & type:	Human, blood, T lymphocyte
Performed by:	Customer
Transfection efficiency (%):	Not Quantified
Viability (%):	Not Quantified
Cellaxess System:	Cellaxess®CX3

Cell name:	Lewis Lung*
Supplier:	Customer
Cell origin & type:	Mouse, lung
Performed by:	Customer
Transfection efficiency (%):	Not Quantified
Viability (%):	Not Quantified
Cellaxess System:	Cellaxess®CX3

Cell name:	Lewis T241*
Supplier:	Customer
Cell origin & type:	Mouse, fibrosarcoma
Performed by:	Customer
Transfection efficiency (%):	Not Quantified
Viability (%):	Not Quantified
Cellaxess System:	Cellaxess®CX3

Cell name:	LnCaP**
Supplier:	Customer clone
Cell origin & type:	Human, prostate, epithelial
Performed by:	In-house
Transfection efficiency (%):	~60 (plasmid)
Viability (%):	~80
Cellaxess System:	Cellaxess®CX3, Cellaxess®HT

Cell name:	L-tk**
Supplier:	Customer
Cell origin & type:	Mouse, fibroblast
Performed by:	In-house
Transfection efficiency (%):	~60 (plasmid)
Viability (%):	~80
Cellaxess System:	Cellaxess®CX3

Cell name:	N2a***
Supplier:	ATCC# CCL-131
Cell origin & type:	Mouse, brain, neuroblast
Performed by:	In-house and customer
Transfection efficiency (%):	~70 (plasmid) and 83 (siRNA)
Viability (%):	~90
Cellaxess System:	Cellaxess®CX3, Cellaxess®HT

Cell name:	N2a (differentiated)*
Supplier:	ATCC# CCL-131
Cell origin & type:	Mouse, brain, neuroblast
Performed by:	In-house
Transfection efficiency (%):	~70 (plasmid)
Viability (%):	~70
Cellaxess System:	Cellaxess®HT

Cell name:	ND7/23*
Supplier:	ECACC# 92090903
Cell origin & type:	Rat, DRG, neuroblast
Performed by:	Customer
Transfection efficiency (%):	Not Quantified
Viability (%):	Not Quantified
Cellaxess System:	Cellaxess®CX3

Cell name:	PC12***
Supplier:	ATCC# CRL-1721
Cell origin & type:	Rat, adrenal gland
Performed by:	In-house and customer
Transfection efficiency (%):	23 (plasmid)
Viability (%):	80
Cellaxess System:	Cellaxess®CX3

Cell name:	PC12 (differentiated)***
Supplier:	ATCC# CRL-1721
Cell origin & type:	Rat, adrenal gland
Performed by:	In-house
Transfection efficiency (%):	20 (plasmid)
Viability (%):	60
Cellaxess System:	Cellaxess®CX3

Cell name:	RPMI8226*
Supplier:	ATCC # CCL-155
Cell origin & type:	Human, blood, b-cell
Performed by:	Customer
Transfection efficiency (%):	Not Quantified
Viability (%):	Not Quantified
Cellaxess System:	Cellaxess®HT

Cell name:	SHSY-5Y***
Supplier:	ATCC# CRL-2266
Cell origin & type:	Human, brain, neuroblast
Performed by:	In-house
Transfection efficiency (%):	25 (plasmid)
Viability (%):	70
Cellaxess System:	Cellaxess®CX3

Cell name:	SK-N-MC*
Supplier:	ECACC# 90022302
Cell origin & type:	Human, brain, neuroblast
Performed by:	Customer
Transfection efficiency (%):	Not Quantified
Viability (%):	Not Quantified
Cellaxess System:	Cellaxess®CX3

Cell name:	THP-1*
Supplier:	ATCC# TIB-202
Cell origin & type:	Human, blood, monocyte
Performed by:	Customer
Transfection efficiency (%):	56 (plasmid)
Viability (%):	75
Cellaxess System:	Cellaxess®CX3

Cell name:	WSS-1**
Supplier:	ATCC# CRL2029
Cell origin & type:	Human, kidney, epithelial
Performed by:	In-house
Transfection efficiency (%):	50-70 (plasmid)
Viability (%):	~80
Cellaxess System:	Cellaxess®CX3

*** APPLICATION NOTE

Application notes cover an area of specific scientific interest. A series of successful transfections has been carried out in the specific cell type(s) at Cellectricon or at a customer site. The transfection efficiency and viability have been quantified by Cellectricon or by the customer. Cellectricon has validated the quality of the experiments.

** VALIDATED APPLICATION

A successful transfection has been carried out more than one time in the specific cell type at Cellectricon or at a customer site. The transfection efficiency and viability have been quantified by Cellectricon or by the customer. Cellectricon has validated the quality of the experiments.

* APPLICATION

A successful transfection has been carried out more than one time in the specific cell type at Cellectricon or at a customer site. Where specified, the transfection efficiency and viability have been estimated.

Contact us for more information:

EU: sales-eu@cellectricon.com

US: sales-us@cellectricon.com

www.cellectricon.com