

## 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  
 Viability (%): ~80  
 Cellaxess System: Cellaxess®CX3

**Cell name:** 3T3-L1 (undifferentiated)\*\*  
 Supplier: ATCC# CL-173  
 Cell origin & type: Mouse, embryonic, fibroblast  
 Performed by: In-house  
 Transfection efficiency (%): 10-20  
 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  
 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  
 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  
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  
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  
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  
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  
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

<b>Cell name:</b>	<b>Jurkat**</b>
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

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

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

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

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

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

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

<b>Cell name:</b>	<b>ND7/23*</b>
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  
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  
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  
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  
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  
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.

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