

SLC1A1 Knockout cell line (TPC-1)

Catalog Number: KOA59950

Product Information	
Product Name	SLC1A1 Knockout cell line (TPC-1)
specification	1*10 ⁶
Storage and transportation	Shipped on dry ice; Store in liquid nitrogen
Cell morphology	Epithelial-like, adherent
Passage ratio	1:5-1:8
species	Human
Gene	SLC1A1
Gene ID	6505
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90%DMEM+10%FBS
Price (USD)	Inquiry
Parental Cell Line	TPC-1
Quality Control	Genotype: SLC1A1 Knockout cell line (TPC-1)>95% viability before freezing. All cells were tested and found to be free of bacterial, viruses,mycoplasma and other toxins.

Gene Information	
Gene Official Full Name	solute carrier family 1 member 1provided by HGNC
Also known as	DCBXA; EAAC1; EAAT3; SCZD18; hEAAC1
Gene Description	This gene encodes a member of the high-affinity glutamate transporters that play an essential role in transporting glutamate across plasma membranes. In brain, these transporters are crucial in terminating the postsynaptic action of the neurotransmitter glutamate, and in maintaining extracellular glutamate concentrations below neurotoxic levels. This transporter also transports aspartate, and mutations in this gene are thought to cause dicarboxylicamino aciduria, also known as glutamate-aspartate transport defect. [provided by RefSeq, Mar 2010]
Expression	Biased expression in small intestine (RPKM 11.7), kidney (RPKM 8.4) and 12 other tissues See more