

SLC37A4 Knockout cell line (A549)

Catalog Number: KO37784

Product Information	
Product Name	SLC37A4 Knockout cell line (A549)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:4
species	Human
Gene	SLC37A4
Gene ID	2542
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: SLC37A4 Knockout cell line (A549) >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 37 member 4provided by HGNC
Also known as	G6PT; SPX4; CDG2W; G6PT1; G6PT2; G6PT3; GSD1b; GSD1c; GSD1d; TRG19; TRG-19; PRO0685
Gene Description	This gene regulates glucose-6-phosphate transport from the cytoplasm to the lumen of the endoplasmic reticulum, in order to maintain glucose homeostasis. It also plays a role in ATP-mediated calcium sequestration in the lumen of the endoplasmic reticulum. Mutations in this gene have been associated with various forms of glycogen storage disease. Alternative splicing in this gene results in multiple transcript variants.[provided by RefSeq, Aug 2009]
Expression	Broad expression in kidney (RPKM 40.6), duodenum (RPKM 31.3) and 24 other tissues See more