

## SLC41A1 Knockout cell line (HCT 116)

Catalog Number: KO21149

Product Information	
Product Name	SLC41A1 Knockout cell line (HCT 116)
specification	1*10 <sup>6</sup>
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:2~1:4
species	Human
Gene	SLC41A1
Gene ID	254428
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%McCOYs 5A+10% FBS
Parental Cell Line	HCT 116
Quality Control	Genotype: SLC41A1 Knockout cell line (HCT 116) >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 41 member 1provided by HGNC
Also known as	MgtE; NPHPL2
Gene Description	Enables magnesium:sodium antiporter activity. Involved in cellular response to magnesium ion; intracellular magnesium ion homeostasis; and magnesium ion transmembrane transport. Located in basolateral plasma membrane. Part of protein-containing complex. Implicated in nephronophthisis. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Broad expression in heart (RPKM 55.1), testis (RPKM 27.0) and 20 other tissues See more