

SLC25A25 Knockout cell line (A549)

Catalog Number: KO30766

Product Information	
Product Name	SLC25A25 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	SLC25A25
Gene ID	114789
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: SLC25A25 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 25 member 25provided by HGNC
Also known as	MCSC; PCSCL; SCAMC2; SCAMC-2
Gene Description	The protein encoded by this gene belongs to the family of calcium-binding mitochondrial carriers, with a characteristic mitochondrial carrier domain at the C-terminus. These proteins are found in the inner membranes of mitochondria, and function as transport proteins. They shuttle metabolites, nucleotides and cofactors through the mitochondrial membrane and thereby connect and/or regulate cytoplasm and matrix functions. This protein may function as an ATP-Mg/Pi carrier that mediates the transport of Mg-ATP in exchange for phosphate, and likely responsible for the net uptake or efflux of adenine nucleotides into or from the mitochondria. Alternatively spliced transcript variants encoding different isoforms with a common C-terminus but variable N-termini have been described for this gene. [provided by RefSeq, Jul 2012]
Expression	Ubiquitous expression in liver (RPKM 17.5), gall bladder (RPKM 17.0) and 25 other tissues See more

