

MPC1 Knockout cell line (HCT 116)

Catalog Number: KO22310

Product Information	
Product Name	MPC1 Knockout cell line (HCT 116)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:2~1:4
species	Human
Gene	MPC1
Gene ID	51660
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: MPC1 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	mitochondrial pyruvate carrier 1provided by HGNC
Also known as	MPYCD; BRP44L; CGI-129; SLC54A1
Gene Description	The protein encoded by this gene is part of an MPC1/MPC2 heterodimer that is responsible for transporting pyruvate into mitochondria. The encoded protein is found in the inner mitochondrial membrane. Defects in this gene are a cause of mitochondrial pyruvate carrier deficiency. Several transcript variants, some protein coding and one non-protein coding, have been found for this gene. [provided by RefSeq, Aug 2012]
Expression	Broad expression in heart (RPKM 92.1), kidney (RPKM 35.4) and 23 other tissues See more