

MTMR4 Knockout cell line (HCT 116)

Catalog Number: KO07872

Product Information	
Product Name	MTMR4 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	MTMR4
Gene ID	9110
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: MTMR4 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	myotubularin related protein 4provided by HGNC
Also known as	ZFYVE11; FYVE-DSP2
Gene Description	Enables several functions, including R-SMAD binding activity; phosphatidylinositol phosphate phosphatase activity; and protein phosphatase binding activity. Involved in several processes, including midbody abscission; negative regulation of transmembrane receptor protein serine/threonine kinase signaling pathway; and phosphatidylinositol dephosphorylation. Located in early endosome membrane; late endosome membrane; and recycling endosome membrane. Is active in early phagosome membrane and endosome membrane. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in testis (RPKM 12.1), brain (RPKM 10.5) and 25 other tissues See more