

MARK1 Knockout cell line (HCT 116)

Catalog Number: KO36706

Product Information

Product Name	MARK1 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	MARK1
Gene ID	4139
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: MARK1 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	microtubule affinity regulating kinase 1provided by HGNC
Also known as	MARK; Par1c; Par-1c
Gene Description	Enables several functions, including ATP binding activity; magnesium ion binding activity; and phospholipid binding activity. Involved in intracellular signal transduction; negative regulation of epithelial to mesenchymal transition; and protein phosphorylation. Located in cytoplasm; dendrite; and plasma membrane. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Broad expression in brain (RPKM 4.9), testis (RPKM 3.5) and 21 other tissues See more