

CASK Knockout cell line (HCT 116)

Catalog Number: KO34040

Product Information

Product Name	CASK 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	CASK
Gene ID	8573
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: CASK 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	calcium/calmodulin dependent serine protein kinaseprovided by HGNC
Also known as	CMG; FGS4; LIN2; TNRC8; hCASK; CAGH39; CAMGUK; MICPCH; MRXSNA
Gene Description	This gene encodes a calcium/calmodulin-dependent serine protein kinase. The encoded protein is a MAGUK (membrane-associated guanylate kinase) protein family member. These proteins are scaffold proteins and the encoded protein is located at synapses in the brain. Mutations in this gene are associated with FG syndrome 4, intellectual disability and microcephaly with pontine and cerebellar hypoplasia, and a form of X-linked intellectual disability. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2017]
Expression	Ubiquitous expression in duodenum (RPKM 8.0), small intestine (RPKM 7.8) and 25 other tissues See more