

CDC42BPA Knockout cell line (HCT 116)

Catalog Number: KO34146

Product Information

Product Name	CDC42BPA 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	CDC42BPA
Gene ID	8476
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: CDC42BPA 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	CDC42 binding protein kinase alpha provided by HGNC
Also known as	MRCK; MRCKA; PK428; MRCKalpha
Gene Description	The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase contains multiple functional domains. Its kinase domain is highly similar to that of the myotonic dystrophy protein kinase (DMPK). This kinase also contains a Rac interactive binding (CRIB) domain, and has been shown to bind CDC42. It may function as a CDC42 downstream effector mediating CDC42 induced peripheral actin formation, and promoting cytoskeletal reorganization. Multiple alternatively spliced transcript variants have been described. [provided by RefSeq, Sep 2018]
Expression	Ubiquitous expression in testis (RPKM 11.8), kidney (RPKM 9.4) and 25 other tissues See more