

ITPKB Knockout cell line (HCT 116)

Catalog Number: KO07948

Product Information	
Product Name	ITPKB 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	ITPKB
Gene ID	3707
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: ITPKB 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	inositol-trisphosphate 3-kinase Bprovided by HGNC
Also known as	IP3K; IP3KB; PIG37; IP3K-B; IP3-3KB
Gene Description	The protein encoded by this protein regulates inositol phosphate metabolism by phosphorylation of second messenger inositol 1,4,5-trisphosphate to Ins(1,3,4,5)P4. The activity of this encoded protein is responsible for regulating the levels of a large number of inositol polyphosphates that are important in cellular signaling. Both calcium/calmodulin and protein phosphorylation mechanisms control its activity. [provided by RefSeq, Jul 2008]
Expression	Ubiquitous expression in brain (RPKM 10.0), fat (RPKM 9.3) and 24 other tissues See more