PIK3CB Knockout cell line (HCT 116)

Catalog Number: KO11206

Product Information	
Product Name	PIK3CB 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	PIK3CB
Gene ID	5291
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: PIK3CB 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	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit betaprovided by HGNC
Also known as	PI3K; PIK3C1; P110BETA; PI3KBETA
Gene Description	This gene encodes an isoform of the catalytic subunit of phosphoinositide 3-kinase (PI3K). These kinases are important in signaling pathways involving receptors on the outer membrane of eukaryotic cells and are named for their catalytic subunit. The encoded protein is the catalytic subunit for PI3Kbeta (PI3KB). PI3KB has been shown to be part of the activation pathway in neutrophils which have bound immune complexes at sites of injury or infection. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2011]
Expression	Ubiquitous expression in thyroid (RPKM 19.2), kidney (RPKM 9.0) and 25 other tissues See more