

## ARHGEF6 Knockout cell line (HCT 116)

**Catalog Number:** KO33223

Product Information	
Product Name	ARHGEF6 Knockout cell line (HCT 116)
specification	1*10 <sup>6</sup>
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:2~1:4
species	Human
Gene	ARHGEF6
Gene ID	9459
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: ARHGEF6 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	Rac/Cdc42 guanine nucleotide exchange factor 6 provided by HGNC
Also known as	PIXA; COOL2; MRX46; Cool-2; alphaPIX; alpha-PIX
Gene Description	Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein belongs to a family of cytoplasmic proteins that activate the Ras-like family of Rho proteins by exchanging bound GDP for GTP. It may form a complex with G proteins and stimulate Rho-dependent signals. This protein is activated by PI3-kinase. Mutations in this gene can cause X-chromosomal non-specific cognitive disability. [provided by RefSeq, Jul 2008]
Expression	Broad expression in fat (RPKM 22.0), lymph node (RPKM 16.8) and 24 other tissues See more