

## KIF7 Knockout cell line (HeLa)

**Catalog Number:** KO10038

Product Information	
Product Name	KIF7 Knockout cell line (HeLa)
specification	1*10 <sup>6</sup>
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:6
species	Human
Gene	KIF7
Gene ID	374654
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%DMEM+10% FBS
Parental Cell Line	HeLa
Quality Control	Genotype: KIF7 Knockout cell line (HeLa) >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	kinesin family member 7 provided by HGNC
Also known as	ACLS; AGBK; HLS2; MMEDF; JBTS12; UNQ340
Gene Description	This gene encodes a cilia-associated protein belonging to the kinesin family. This protein plays a role in the sonic hedgehog (SHH) signaling pathway through the regulation of GLI transcription factors. It functions as a negative regulator of the SHH pathway by preventing inappropriate activation of GLI2 in the absence of ligand, and as a positive regulator by preventing the processing of GLI3 into its repressor form. Mutations in this gene have been associated with various ciliopathies. [provided by RefSeq, Oct 2011]
Expression	Ubiquitous expression in endometrium (RPKM 2.5), prostate (RPKM 2.2) and 24 other tissues See more