

USH1G Knockout cell line (HCT 116)

Catalog Number: KO28008

Product Information	
Product Name	USH1G 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	USH1G
Gene ID	124590
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: USH1G 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	USH1 protein network component sansprovided by HGNC
Also known as	SANS; ANKS4A
Gene Description	This gene encodes a protein that contains three ankyrin domains, a class I PDZ-binding motif and a sterile alpha motif. The encoded protein interacts with harmonin, which is associated with Usher syndrome type 1C. This protein plays a role in the development and maintenance of the auditory and visual systems and functions in the cohesion of hair bundles formed by inner ear sensory cells. Mutations in this gene are associated with Usher syndrome type 1G (USH1G). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]
Expression	Biased expression in esophagus (RPKM 1.1), skin (RPKM 0.6) and 6 other tissues See more