

TMEM107 Knockout cell line (A549)

Catalog Number: KO24943

Product Information	
Product Name	TMEM107 Knockout cell line (A549)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:4
species	Human
Gene	TMEM107
Gene ID	84314
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: TMEM107 Knockout cell line (A549) >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	transmembrane protein 107provided by HGNC
Also known as	MKS13; JBTS29; GRVS638; PRO1268
Gene Description	This gene encodes a transmembrane protein and component of the primary cilia transition zone. The encoded protein regulates ciliogenesis and ciliary protein composition. Human fibroblasts expressing a mutant allele of this gene exhibit reduced numbers of cilia, altered cilia length, and impaired sonic hedgehog signaling. In human patients, different mutations in this gene cause different ciliopathies, including Meckel-Gruber syndrome and orofacioidigital syndrome. [provided by RefSeq, May 2017]
Expression	Ubiquitous expression in thyroid (RPKM 7.3), bone marrow (RPKM 5.2) and 25 other tissues See more