

TMEM53 Knockout cell line (A549)

Catalog Number: KO13310

Product Information	
Product Name	TMEM53 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	TMEM53
Gene ID	79639
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: TMEM53 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 53provided by HGNC
Also known as	CTDI; NET4
Gene Description	Involved in negative regulation of BMP signaling pathway; negative regulation of ossification; and regulation of nucleocytoplasmic transport. Located in nuclear membrane. Implicated in craniotubular dysplasia Ikegawa type. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in liver (RPKM 3.6), testis (RPKM 3.6) and 25 other tissues See more