

## TMTC2 Knockout cell line (A549)

**Catalog Number:** KO13147

Product Information	
Product Name	TMTC2 Knockout cell line (A549)
specification	1*10 <sup>6</sup>
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:4
species	Human
Gene	TMTC2
Gene ID	160335
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: TMTC2 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 O-mannosyltransferase targeting cadherins 2provided by HGNC
Also known as	IBDBP1
Gene Description	The protein encoded by this gene is an integral membrane protein localized to the endoplasmic reticulum (ER). The encoded protein contains many tetratricopeptide repeats, sequences known for being involved in protein-protein interactions. This protein binds both the calcium uptake pump SERCA2B and the carbohydrate-binding chaperone calnexin, and it appears to play a role in calcium homeostasis in the ER. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2016]
Expression	Ubiquitous expression in brain (RPKM 7.5), gall bladder (RPKM 7.0) and 24 other tissues See more