

TMLHE Knockout cell line (A549)

Catalog Number: KO13165

Product Information	
Product Name	TMLHE 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	TMLHE
Gene ID	55217
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: TMLHE 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	trimethyllysine hydroxylase, epsilon provided by HGNC
Also known as	TMLD; TMLH; BBOX2; AUTSX6; TMLHED; XAP130
Gene Description	This gene encodes the protein trimethyllysine dioxygenase which is the first enzyme in the carnitine biosynthesis pathway. Carnitine play an essential role in the transport of activated fatty acids across the inner mitochondrial membrane. The encoded protein converts trimethyllysine into hydroxytrimethyllysine. A pseudogene of this gene is found on chromosome X. Alternate splicing results in multiple transcript variants.[provided by RefSeq, May 2010]
Expression	Ubiquitous expression in heart (RPKM 6.4), fat (RPKM 5.3) and 25 other tissues See more