

ACOT7 Knockout cell line (A549)

Catalog Number: KO30974

Product Information	
Product Name	ACOT7 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	ACOT7
Gene ID	11332
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: ACOT7 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	acyl-CoA thioesterase 7 provided by HGNC
Also known as	ACT; ACH1; BACH; LACH; LACH1; hBACH; CTE-II
Gene Description	This gene encodes a member of the acyl coenzyme family. The encoded protein hydrolyzes the CoA thioester of palmitoyl-CoA and other long-chain fatty acids. Decreased expression of this gene may be associated with mesial temporal lobe epilepsy. Alternatively spliced transcript variants encoding distinct isoforms with different subcellular locations have been characterized. [provided by RefSeq, Jul 2008]
Expression	Broad expression in brain (RPKM 26.5), kidney (RPKM 21.3) and 22 other tissues See more