

MBOAT2 Knockout cell line (AC16)

Catalog Number: KOA05111

Product Information	
Product Name	MBOAT2 Knockout cell line (AC16)
specification	1*10 ⁶
Storage and transportation	Shipped on dry ice; Store in liquid nitrogen
Cell morphology	Fibroblast-like, adherent
Passage ratio	1 : 3-1 : 4
species	Human
Gene	MBOAT2
Gene ID	129642
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90% DMEM/F12+10% FBS
Price (USD)	Inquiry
Parental Cell Line	AC16
Quality Control	Genotype: MBOAT2 Knockout cell line (AC16)>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	membrane bound glycerophospholipid O-acyltransferase 2provided by HGNC
Also known as	LPAAT; LPCAT; LPEAT; OACT2; LPCAT4; LPLAT 2; LPLAT13
Gene Description	Enables 1-acylglycerophosphocholine O-acyltransferase activity; 1-acylglycerophosphoethanolamine O-acyltransferase activity; and 1-acylglycerophosphoserine O-acyltransferase activity. Involved in phosphatidylcholine acyl-chain remodeling; phosphatidylethanolamine acyl-chain remodeling; and phosphatidylserine acyl-chain remodeling. Predicted to be located in endoplasmic reticulum membrane. Predicted to be active in membrane. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Broad expression in bone marrow (RPKM 14.5), brain (RPKM 13.4) and 23 other tissues See more