

## LPCAT1 Knockout cell line (AC16)

**Catalog Number:** KOA07091

Product Information	
Product Name	LPCAT1 Knockout cell line (AC16)
specification	1*10 <sup>6</sup>
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	LPCAT1
Gene ID	79888
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90% DMEM/F12+10% FBS
Price (USD)	Inquiry
Parental Cell Line	AC16
Quality Control	Genotype: LPCAT1 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	lysophosphatidylcholine acyltransferase 1 provided by HGNC
Also known as	AYTL2; lpcat; AGPAT9; LPLAT8; PFAAP3; AGPAT10; LPCAT-1; lysoPAFAT
Gene Description	This gene encodes a member of the 1-acyl-sn-glycerol-3-phosphate acyltransferase family of proteins. The encoded enzyme plays a role in phospholipid metabolism, specifically in the conversion of lysophosphatidylcholine to phosphatidylcholine in the presence of acyl-CoA. This process is important in the synthesis of lung surfactant and platelet-activating factor (PAF). Elevated expression of this gene may contribute to the progression of oral squamous cell, prostate, breast, and other human cancers. [provided by RefSeq, Sep 2016]
Expression	Broad expression in lung (RPKM 73.0), spleen (RPKM 32.6) and 18 other tissues See more