

LPCAT3 Knockout cell line (TPC-1)

Catalog Number: KOA57983

Product Information	
Product Name	LPCAT3 Knockout cell line (TPC-1)
specification	1*10^6
Storage and transportation	Shipped on dry ice; Store in liquid nitrogen
Cell morphology	Epithelial-like, adherent
Passage ratio	1:5-1:8
species	Human
Gene	LPCAT3
Gene ID	10162
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90%DMEM+10%FBS
Price (USD)	Inquiry
Parental Cell Line	TPC-1
Quality Control	Genotype: LPCAT3 Knockout cell line (TPC-1)>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 3provided by HGNC
Also known as	C3F; LPCAT; LPSAT; OACT5; nessy; MBOAT5; LPLAT 5; LPLAT12
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. Located in endoplasmic reticulum membrane. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in duodenum (RPKM 59.9), small intestine (RPKM 50.5) and 25 other tissues See more