

## LPCAT1 Knockout cell line (NCM460)

**Catalog Number:** KOA68789

| Product Information        |   |
|----------------------------|---|
| Product Name               | LPCAT1 Knockout cell line (NCM460)  |
| specification              | 1*10 <sup>6</sup>   |
| Storage and transportation | Shipped on dry ice; Store in liquid nitrogen  |
| Cell morphology            | Epithelial-like, adheren  |
| Passage ratio              | 1:2~1:3   |
| species                    | Human   |
| Gene                       | LPCAT1  |
| Gene ID                    | 79888   |
| Build method               | Electroporation/Lentivirus  |
| Mycoplasma testing         | negative  |
| Cultivation system         | 90%RPMI-1640+10%FBS   |
| Price (USD)                | Inquiry   |
| Parental Cell Line         | NCM460  |
| Quality Control            | Genotype: LPCAT1 Knockout cell line (NCM460)>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 1provided 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   |