

RPPB1910

Product Information Protein Information

Product SKU:

RPPB1910

Accession:

Q8NF37

Host:

Escherichia Coli.

Protein description:

LPCAT1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 479 amino acids (79-534a.a) and having a molecular mass of 53.4kDa. LPCAT1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

AYTL2, lpcat, PFAAP3, Lysophosphatidylcholine acyltransferase 1, LPC acyltransferase 1, LPCAT-1, LysoPC acyltransferase 1, 1-acylglycerophosphocholine O-acyltransferase, 1-alkylglycerophosphocholine O-acetyltransferase, Acetyl-CoA:lyso-platelet-activating factor acetyltransferase, Acetyl-CoA:lyso-PAF acetyltransferase, Lyso-PAF acetyltransferase, LysoPAFAT, Acyltransferase-like 2, Phosphonoformate immuno-associated protein 3.

Formulation:

The LPCAT1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1M Urea and 10% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSSAEKEPE QPPALWRKVV DFLLKAIMRT MWFAGGFHRV AVKGRQALPT
EAAITLAPH SSYFDAIPVT MTMSSIVMKA ESRDIPIWGT LIQYIRPVFV SRSDQDSRRK TVEIKRRAQ
SNGKWPQIMI FPEGTCTNRT CLITFKPGAF IPGAPVQPVV LRYPNKLDTI TWTWQGPAL EILWLTLCQF
HNQVEIEFLP VYSPSEEEKR NPALYASNVR RVMAEALGVS VTDYTFEDCQ LALAEGQLRL PADTCLLEFA
RLVRGLGLKP EKLEKDLDRY SERARMKGGE KIGIAEFAAS LEVPVSDLE DMFSLFDESG SGEVDLRECV
VALSVVCRPA RTLDTIQLAF KMYGAQEDGS VEGEDLSCIL KTAGVAELT VTDLFRAIDQ EEKGKITFAD
FHRFAEMYPA FAEELYPDQ THFESCAETS PAPIPNGFCA DFSPENDSAG RKPVRKKLD.