

Recombinant Full Length Rat Lysophosphatidylcholine Acyltransferase 2(Lpcat2) Protein, His-Tagged

Cat. No. RFL251RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Lysophosphatidylcholine acyltransferase 2(Lpcat2) Protein (P0C1Q3) (1-544aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-544)
Form	Lyophilized powder
AA Sequence	MNRCAEAAVAATVPGSGVGDSGLRPPMVPRQASFFPPVPNPFVQQTRISAARR LQMILLGIILLPVRALLVGLVLLLAWPFAVISTVCCPKKLTHPISDWRRKITQPALKFLG RAMFFSMGFRVTVKGKVASPLEAPIFVVAPHSTFFDGIACVVAGLPSLVSRNENAQT PLVGRLLRALQPVLVSRVDPDSRKNTINEIKKRAMSGGEWPQILVFPEGTCTNRSCLI TFKPGAFIPGVPVQPVLLRYPNKLDTVTWTWQGYTFIQLCVLTFCQLFTKVEVEFMP VQAPSEEERNDPVLFA SRVRNLMAEAL EIPVTDHTYEDCRLMISAGQLTLPMEAGLV EFTKISRKLKLDWDGIRKHLDEYASIASSAKGGRIGASSAKGGRIGPVSDVLRQLFAL FDRNNDGSIDFREYVIGLAVLCNPANTEDIIQVAFKLFDVDEDGYITEEEFCTILQASL GVPDLNVSGLFREIAQGDSVSYEEFKSFALKHPEYAKIFTTYLDLQTCHVFSLPEDVQ TAPSVASNKVSPESHEEGTSGKKVD
Purity	Greater than 90% as determined by SDS-PAGE.

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Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	Lpcat2
Synonyms	Lpcat2; Ayt11; Ayt11a; Lpcat2a; Lysophosphatidylcholine acyltransferase 2; LPC acyltransferase 2; LPCAT-2; LysoPC acyltransferase 2; 1-acylglycerol-3-phosphate O-acyltransferase 11; 1-AGP acyltransferase 11; 1-AGPAT 11; 1-acylglycerophosphocholine O-acylt
UniProt ID	P0C1Q3