

# Recombinant Full Length Rat Lysophosphatidylcholine Acyltransferase 2B(Lpcat2B) Protein, His-Tagged

**Cat. No.** RFL20176RF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Rat Lysophosphatidylcholine acyltransferase 2B(Lpcat2b) Protein (Q4V8A1) (1-517aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | Full Length (1-517)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MAHQTQRRDTADTMTEVEVWDSRTAQEVNKSLYPPAVTNPFTHHTQLSAWQLACS<br>IFLGT VLVPVRVSCIVFLFLLLWPVALLSTINLPIQPTEPVKSWRKHLIKPVFIFLLRLAF<br>FCAG FLIKVKGKKATREEAPIFVVAPHSTFFDAIAVIVAGLPSVSDTQHVRIPLVGQC<br>ILLTQ PVLVRREDPNSRKTRNEILSRVKSKMKWPQILIFPEGLCTNRSCLVTFKLGA<br>FSPGVPV QPVLLRYPNTLDTVTWTHWGFSGFQVCMLTSLQPFTRMEVEFMPVYIP<br>NEDEKKDPILFA NTVRINMANALKLPVTDHSFEDCKLMISAGALRLPMEAGLVEFTKI<br>SQKLKLDWDNIHHT LDKYASVAVSSKGGKIGIEEFSRYLKLPISEPLRQLFSLFDRNQ<br>DGTIDFREYVIGLTVL CNPANTEKILQMSFKLFDLDEDGYITEQELTTMLRAAFGVPD<br>LDVSTLFQQMAGKDSAQV SYRTFRRFALKHPAYAKLFHSYIDLQAAYIYSLPGEV |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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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**

Lpcat2b

**Synonyms**

Lpcat2b; Ayt11b; Lysophosphatidylcholine acyltransferase 2B; Acyltransferase-like 1-B

**UniProt ID**

[Q4V8A1](#)

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