

## Product datasheet for **MC217317**

### Lpcat2b (NM\_027599) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lpcat2b (NM_027599) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lpcat2b
Synonyms:	4921521K07Rik; Ayt11b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC217317 representing NM\_027599  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTCATCAGAACCAGCACCAGGATACCATAGACTCCACAGAGGTGGAGGTGTGGACAGCAGGACTG  
 CGCAGGAGGTGAACAAGTCCTTATATCCTCCGGCAGTGGACAGTCCCTTCACTCTCAACACTCACCTGAG  
 TGCTTGCGCTGGGCCTGCACCATCATCTGGGACTGTGCTGGTACCCGTGCGGGTGTCTGCATTGTC  
 TTCCTCTCATCCTTCTCTGGCCAGTGGCCGACTCTCCGCCATTAACCTGCCTACTCAACCTACCAAA  
 CCATAAGGAGATGGAGGAAACATCTGATAAAGTCGGCCCTGGTATTCTTGTTCGTTTGGGGTCTTTTT  
 TGCTGGTTCTGGTTAAGGTCAAAGGGAAAAAGGCTACCAGAGAGGAGGCCCCCATCTTTGTCTCCGA  
 CCACACTCCACCTCTTTGATGCAATCGCCGTTGTTGTGGCGGGCTCCCTTCGGTGGTCTCTGATAGC  
 AGCTTGCGAGGGTCCCATTGGCTGGGAAATGCATCCTGGTAACTCAGCCTGTGCTTGTGAAACGAGAAGA  
 CCCGAATTCTAGAAAGACTACCCGGAATGAAATCCTCAGACGAGTGAAATCTAAAATGAAGTGGCCACAG  
 ATTCTGATTTTTCCGGAAGGATTGTGCACCAACCGCTCCTGTCTCGTCACTTTTAAACTAGGAGCCTTCT  
 CCCCAGGTGTCCCTGTGCAGCCAGTGTGCTTAGGTACCCCAACAGCCTGGACACAGTGACCTGGACTTG  
 GAATGGGTTCTCAGGCTTCCAGGTATGTATGCTTACTCTGAGTCAGCTTCTCACTAGAGTGGAAAGTCGAG  
 TTCATGCCTGTTTATATCCCAAGTGAAGAAGAAAAGAACCCCATCTTTTTGCCAACACAGTCCGAA  
 TCAAGATGGCAAACGCTTTGAAGCTGCCTGTAAACCGATCACAGCTTGGAAAGACTGTAACCTGATGATC  
 TGCGGGTGGCCCTCAACTACCCATGGAAGCTGGCTTGGTGGAAATTTACAAAAATCAGTCAGAAATGAAA  
 TTAGATTGGGACAACATCCACAAGCACTTGGACCAATATGCTTCGTTTGGGTCTCCTCAAAGGAGGCA  
 AGATTGGAATTGAAGCATTCTCACGTTATTTAAACTCCCAATTCAGAGCCCTTGAGACGCTTTTCTC  
 TCTCTTTGACAGGAATCAGGATGGCACCATAGACTTCCGAGAGTATGTGATAGGTCTAACTGTCTGTGC  
 AACCCATCCAATACGGAGAAGATTCTGCAAATGTATTTAACTTTTTGATCTTGATGAGGATGGTTATG  
 TAACAGAACGGGAGTTGACAACATGCTTCAGGCAGCTTTCGGAGTGCCAGACCTAGATGTTTCCACACT  
 CTTCCAGCAGATGGCTGGCAAGGATTGAGATCAGGTTTCATACAGAACTTTTCGGAGGTTTGGCCTGAAG  
 CATCCAGCATATGCCAAATATTTTCATTACATAGATCTCCAGGCAGCCTATATATACTATTACCAA  
 GAGAAGT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_027599
- Insert Size:** 1551 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_027599.3](#), [NP\\_081875.1](#)

**RefSeq Size:** 2782 bp

**RefSeq ORF:** 1551 bp

**Locus ID:** 70902

**UniProt ID:** [Q9D5U0](#)

**Cytogenetics:** 5 F

**Gene Summary:** Probable acetyltransferase.[UniProtKB/Swiss-Prot Function]