

## Product datasheet for **RN206482**

### Lpcat2b (NM\_001025631) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lpcat2b (NM_001025631) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lpcat2b
Synonyms:	Aytl1b; Lpcat2bp; RGD1310837
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN206482 representing NM\_001025631  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTCATCAAACCCAACGCAGAGATACCGCAGACACTATGACGGAGGTGGAGGTGTGGGACAGCAGGA  
 CTGCACAGGAGGTGAATAAGTCTTTATATCCGCCGGCAGTGACCAACCCCTTCACTACCCACACGCAGCT  
 GAGTGTCTGGCAGTTGGCCTGCAGCATCTTCTGGGGACTGTGCTGGTACCCGTGCGGGTGTCTGCATT  
 GTCTTCTCTTCTCCTCTCTGGCCAGTGGCCCTACTCTCCACCATTAACCTTGCCTATTCAACCTACCG  
 AACCCGTGAAGAGTTGGAGGAAACATTTGATAAAGCCGGTCTTCATATTCTTGCTCCGTTTGGCGTTCTT  
 TTGTGCCGGTTCCTAATTAAGGTCAAAGGAAAAAGGCCACCAGAGAGGAGGCCCCCATCTTCGTCGTC  
 GCACCACACTCCACCTTCTTTGATGCCATCGCCGTTATTGTGGCGGGCTCCCTTCAGTGGTCTCTGATA  
 CCCAGCAGTGGCATCCATTGGTTGGGCAATGCATCCTTTAACTCAGCCTGTGCTTGTGCGACGAGA  
 AGACCCGAATTCTAGAAAGACTACCCGGAATGAGATCCTCTCGCGGTGAAATCTAAAATGAAGTGCCCA  
 CAGATTCTGATTTTTCCAGAAGGATTGTGCACCAACCGCTCCTGTCTGTCACTTTAACTAGGAGCCT  
 TCTCCCCAGGTGTCCCTGTGCAACCCGACTGCTTAGGTACCCCAACACCTGGACACCGTGACCTGGAC  
 GTGGCATGGGTTCTCGGGCTTCCAGGTATGTATGCTCACCTGAGTCAGCCCTTCACTAGAATGGAAGTT  
 GAGTTCATGCCTGTTTACATCCCAAATGAAGACGAAAAGAAAGACCCCATCTTTTTGCCAACACAGTCC  
 GAATCAACATGGCAAACGCTTTGAAGCTGCCGGTAACGGATCACAGTTTCGAAGATTGCAAACCTGATGAT  
 CTCTGCTGGTGCCTTCGGCTACCCATGGAAGCTGGCCTGGTGGAAATCACAAAATCAGTCAGAAATTG  
 AAATTAGATTGGGACAACATCCACACGCACTTGGACAAGTACGCTTCGGTTGCAGTCTCTCCAAAGGAG  
 GCAAGATTGGGATCGAAGAGTTCTCAAGATACTTAAACTCCCCATTTCCAGAGCCCTGAGACAGCTTTT  
 CTCCTCTTTGATAGGAATCAGGACGGCACCATAGACTTCCGAGAGTATGTGATAGGTCTAACCGTCCTG  
 TGCAACCCAGCCAAACACAGAGAAGATTCTGCAAATGTCATTTAAGCTTTTTGATCTCGACGAGGATGGTT  
 ATATAACAGAACAGGAGCTGACAACCATGCTCCGGGCAGCTTTCGGAGTGCCAGACCTAGATGTCTCCAC  
 ACTCTTCCAGCAGATGGCTGGCAAGGATTCAGCTCAGGTTTCTACAGGACTTTTAGGAGGTTTGCCTG  
 AAGCATCCAGCATACGCCAAGCTATTTCACTCATACATAGACCTCCAGGCGGCCTATATATACTCATTAC  
 CGGGAGAGGT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001025631
- Insert Size:** 1554 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\\_001025631.1](#), [NP\\_001020802.1](#)

**RefSeq Size:** 2166 bp

**RefSeq ORF:** 1554 bp

**Locus ID:** 289439

**UniProt ID:** [Q4V8A1](#)

**Cytogenetics:** 14p22

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