

Product datasheet for **RN210927**

Lpcat4 (NM_001106494) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lpcat4 (NM_001106494) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lpcat4
Synonyms:	Agpat7; RGD1311177
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210927 representing NM_001106494
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGCCAGGGAAGTTCTGGGGCCTGGGCCCCCTCGATCCCACCTCTGGGTCTCTGCCTCTCCAAACC
CGTTCGTGCATGAGTTACACCTCTCCGGCTCCAGAGGGTTAAGTTCTGCCTCCTGGGGTACTGCTGGC
CCCAATCCGAGTACTTCTAGCTTTTATTGTCCTCTTTCTCCTCTGGCCCTTCGCATGGCTCCAAGTAGCA
GGTCTCACTGAGGAGCAGCTTCAGGAACCAATTACAGGATGGAGGAAGACTGTATGCCACAACGGCGTTC
TTGGTCTGAGCCGCTGCTATTTTTCTGCTTGGCTTCTTCGGATCCGTGTTGGGGTCAAAGGCCCTC
TCGTCTTGAGCCCTGTCTGGTTGCTGCCCCCACTCAACTTTCTTTGACCAATTGTTCTGCTACCC
TGTGACCTGCCAAGGTTGATCCCGAGCTGAGAATCTTCTGTGCCTGTATCGGAGCCCTTCTCGAT
TTAATCAAGCCATCCTAGTATCCCGCATGACCCAGCCTCTCGTCGAGAGTGGTTGAGGAGGTGAGAAG
GCGGGCGACCTCGGGAGGCAAGTGGCCTCAGGTAATTTTTCTGAAGGCACCTGTTCCAACAAGAAG
GCTCTGCTGAAGTTCAAACCAGGAGCCTTCATCGCTGGGGTGCCTGTCAGCCTGTCTCATCCGATACC
CCAACAGTCTGGACACCACCAGCTGGGCGTGGAGGGCCCTGGCGTACTCAAAGTCTCTGGCTCACAGC
CTCTCAGCCCTGCAGCATCGTGGATGTAGAGTTCTCCCCGTCTATCAGCCAGCCAGAGGAGAGTAAG
GACCCACCCCTTATGCCAACAACGTCCAGCGAGTCATGGCACAGGCCCTGGGCATTCCGGCTACTGAGT
GTGAGTTCGTAGGGAGCTTACCTGTGATCGTGGTGGGCCAGCTGAAGGTAGCGCTGGAACCGCAGCTCTG
GGAGCTGGGAAAGGTGCTACAGAAGGCCGGGCTGTCCCCTGGCTTTGTGGACATGGGGGCAGAGCCAGGC
CGGAGTCGAATGATCAGCCAAGAGGCATTTGCCAGCAGCTCCAGCTCTCGGATCCCCAGACAGTGGCTG
GTGCCTCCGCTACTTCCAGCAGGATGCCAAGGGTTTGGTGGACTTTCGGAATGTGGCCCTGGCAGTGC
AGCCCTGGATGGGGCAGGAGCCTGGAGGAGCTGACTCGCCTGGCCTTTGAGCTCTTTGCTGAAGAGCAG
GCAGAAGAACCTGACCGTCTGCTGTACAAAGATGGCTTCAGCACCATCCTGCACCTGTTGCTGGGTTTAC
CACGCCCTGCTGCCATGACTTTGCATGCCGAGCTGTGCCGGTCTGGATGCAGCCAGGGCCTCTCCCTCTG
TCAATTCCAGAATTTCTCTCCATGACCTCTGTACAGCAAGCTTTTCAGCGCTACCTACGCCCCCA
CACAAGCCTCGAAGCACCTCCAGATACCAATGCCTCATCCAGCCCACTGCCCTGGCCAAACGGGACCG
TGCAGGCCCCCAAGCAGAAGGGT**GACTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001106494

Insert Size: 1569 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_001106494.1](#), [NP_001099964.1](#)

RefSeq Size: 2488 bp

RefSeq ORF: 1569 bp

Locus ID: 296048

Cytogenetics: 3q35