

Product datasheet for **RN207373**

Lpgat1 (NM_001109376) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lpgat1 (NM_001109376) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lpgat1
Synonyms:	Lpgat1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207373 representing NM_001109376 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCTGTGACCGTGGAAGAAGCTCCGTGGCTGGCTGGATAGTCGCGAAAGCCCTGATGAGGTTTGCCT
 TCATGGTCGCAACAACCTGGTTGCTATTCCATCCTACATCTGCTATATAATTATACTGCAGCCACTCCG
 AGTGCTGGACAGTAAGCGCTTCTGGTATATCGAAGGACTCATGTACAAATGGCTTTTAGGAATGGTGGCT
 TCCTGGGGATGGTATGCTGGATACACAGTGATGGAATGGGGGAAGATATTAAGCAATCGCTAAAGATG
 AAGCAGTGATGTTGGTGAACCACGAGCAACTGGAGATGTGTGTACACTGATGATGTGCCTGCAGGACAA
 AGGACCGGTTGTTGCTCAGATGATGTGGCTGATGGATCATATTTTCAAGTATACAACTTTGGAATTGTT
 TCCCTTATTCATGGAGACTTCTTTATAAGACAGGAAGAGCCTATCGTGACCAACAGCTGCTGGTTCTCA
 AGAAGCACCTTGAACATAATTACAGGAGCAGAGATCGAAAATGGATTGTTTTGTTTCTGAAGGGGGCTT
 CCTCAGGAAGAGGAGAGAAACAAGCCAGGCATTTGCCAAGAAAAATAACTTGCCATTTCTTACACATGTC
 ACTTTGCCAAGGTTTGGGGCAACAACATTATTCTGAAGGCGCTTGTAGCACGGCAGGAAATGGAAGCC
 CAGCAGGAGGAGACGCCAGAGGCTTAGAATGCAATCAAGAGGCCTCCAGTGGAATAGACACAACCAT
 AGCTTATCCCAAAGCTGAACCAATAGACATTGACACCTGGATCCTGGGGTACAGGAAACCGACAGTCACT
 CATGTCCACTACAGGATTTTCCAATTGCAGATGTGCCCTTGAACTGAAGACCTCACCACCTGGCTCT
 ACCAGCGCTTTATTGAAAAGGAGGACCTCCTGTCCCATTTTATAAGACAGGAGCCTTTCTCTCCCCA
 GGGCCAGAAGGAAGCTGTTTCCAGAGCAATGACCTCAGCAACGTGTGGATACTCCTCATTCACTGCTTT
 GCGTTTTTGTGAGTTACCTGTGGTACCACGTCATTCACTATTTTACCATTGTCTATTT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001109376
Insert Size:	1113 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:	<u>NM_001109376.2</u> , <u>NP_001102846.1</u>
RefSeq Size:	3761 bp
RefSeq ORF:	1113 bp
Locus ID:	679692
Cytogenetics:	13q27