

Product datasheet for **MC222057**

Lpin3 (NM_022883) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lpin3 (NM_022883) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lpin3
Synonyms:	9130206L11Rik; AA438110; AV236139; mKIAA4023
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222057 representing NM_022883
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAACTATGTAGGGCAGCTGGCAGAGACAGTGTTTGGAACGGTTAAGGAGCTGTACAGGGGCTGAACC
 CGGCCACACTGAGCGGGCGCATCGATGTCTGGTGGTAAGGCAGCGGGACGGCTCCTCCGATGCTCACC
 CTTCCACGTGCGCTTCGCAAGCTGGGTCTCTGCGGTACAGGGAGAAGGTGGTGACATTGAGATCAAT
 GGTGAGCCCGTGGACCTGCATATGAAACTGGGGGACAGCGGGAGGCCCTCTTTGTCAGGAGCTGGACA
 GTGATGAGGAAGATGTGCCTCCTCGTCTGTGCACCTCACCCATCCCATGGGGAGGCTGTGCGGCTTTCC
 CTCAGACTCCCAGATAGGCACAGCCAGTGAAGCTGAGGGCCTAGTCATTACAGGGCGGAGAAAGAGGCGG
 CGAAGGAGGAAACCGAGGCGCAGGGAGGAGGATGCCGTGGACTCCAGTCTGAAGAGTTGGAGGCAGGTG
 CGGAGAGTGAGCTGACATTGCTGAAAAGCCAACACCAGAGTCCCAAGTGTCTCAGGAGGCAGAGGAGCC
 CTCATCGCAGCCTAAGGACATACACCCCTACTCCGATGGCGAGTGTACCCACAGGCCAACCTCTCTCT
 GGTGACCTAATGTCCCCTAAGAGTGAAGTCAAGAGCTAGAGCTGCGGTCTTGGAGCCAGTCTCTGAGAG
 CTGAGTCTCACATGCAGTGGGTCTGGGGCAGACTGCCTAAGGTGGCGAAAAGCTGAACGGCCTGAGTTCTC
 GTTGATCCTTGAAAGTATGGCTGAGGCGATCTGTGCTCTTCTGAGGAGCCTAGCCCTTCTCTCTCCC
 TCTGAGGCTGGTGTGGACACTTTGAGTCCCCCGGTGCTGCACCCAGGAGTCAAGGCTGATACATTCCATC
 CTGCTGTGGAGGCCATTGTGAGGAACTGCAGTGGATTCTCTCTTGTGCCCCAGAGAGTAAGGAAAC
 CAAGACTCAGAACTCCAGGGGTGCAGGCCACCCCTGCCACTAAATCATGGAGCTGGACTACTCCAGAG
 AGCCATACTCCCTCTGGGCATCCACAAGTTTCCAGGGGAAAGGGTCCCTGAAGAGAAACACAGCATTGG
 GCCAAGTGACATCTACCTGGATGATCTACCTCCCTGGACTCTGAGAAGTACCCCTTTATTTCCCAA
 GAGTGAGTATGGGATGGGGCCAGAAGGTGGAGTGGAGCCAGCAACCAGAAAGTCTCTGGAGAGCCCAAC
 CCTGAGCACATAGCAGAATGCACTCTGGACTCAGTGGACAAAATAGAATTGTCCCTTTGTGGTGGACTGG
 CTGACAACCGAGATATCTCCCTGGAGAAGTTCACCCAGCACATGGTCTCCTATGAAGACCTCACTAAGAA
 TCCCGGGCTCCTGGATGACCCAAACCTCGTGGTAAAAAACAACGAGAAGCATTACAAGTGGGCTGTGGCT
 GCGCCCATGATTCTTCTGCAAGCCTCCAGAAGAATTACCTGAGAGCACTGTGGACAAGCTGGAGA
 AGGAGAAGATGCCCGGAAGGGTGGGCGATGGTGGTTTTCTGGAGACGCAGGGACTTCCAGCTGAGGA
 GCACAGTCCCAGAGGGAGAAAGCCGAACCAGGAAACAGCAGGGAGAGAAGACAGAAGTCTTAAGCAGC
 GATGACGATGTCCAGACAGCCCTGTGATCCTTGAAGTCCCCCACTGCCATCTCCACTCCAGGCTATG
 TCCCGACCTACAAGAAGTCTCTCGTCTCTCTCTGATCAGATTCGGTGTCTAAACCTGAACGAAGGAGC
 TAACGATGTGGTCTTCAAGTGTGACGACCCAGTACCAAGGCACCTGCCGTTGCAAAGCCACCATCTACCTG
 TGGAAATGGGATGACAAGGTGGTCATCTCTGACATAGATGGCACCATCACCAAGTCGGATGCTCTGGGCC
 ACATTCTGCCAGCTGGGAAAGACTGGACACACCAGGGCATTACTAGTCTCTACCACAAGATCCATCT
 AAATGGGTACAAGTCTGTACTGCTCAGCACGGGCTATCGGCATGGCTGACCTCACAAGGGGTAAGTGT
 CAGTGGGTGAGCGAGCATGGCTGTGGCCTTCTAAGGGCCCCATCTTGTATCTCCAGCAGCCTCTTCT
 CCGCTCTCCACAGGGAGGTAATCGAAGAAAGCCGGAGGTGTTCAAGGTTGCCTGCCTGAGTGATATCCA
 GCAGCTGTTTCTGCCCAAAGACAGCCCTTCCATGCTGCCTTTGGGAACAGGCCCAATGATGTTTTCGCC
 TACAGGCAGTGGGCCTCCCTGAGTCCCGAATCTTACAGTCAACCCCGGGGGAGCTCATCCAGGAGC
 TCATAAAGAGCCACAATCCACGTACCAGCGGCTCGGAGAGGTGGTTGAGCTGCTTCCACCTGTGGT
 GCGCGGTCCAGCACAGACCTGGCCAGCCCTGAATACAGCAACCTCAGCTATTGGCGGAAGCCACTGCC
 TATGTGGACTTTGAGGCCCTGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_022883
Insert Size: 2547 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:	<ol style="list-style-type: none">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_022883.3 , NP_075021.1
RefSeq Size:	3473 bp
RefSeq ORF:	2547 bp
Locus ID:	64899
UniProt ID:	Q99PI4
Cytogenetics:	2 H2
Gene Summary:	<p>Regulates fatty acid metabolism. Magnesium-dependent phosphatidate phosphatase enzyme which catalyzes the conversion of phosphatidic acid to diacylglycerol during triglyceride, phosphatidylcholine and phosphatidylethanolamine biosynthesis.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.</p>