

Product datasheet for **RN211015**

Lpin3 (NM_001014184) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lpin3 (NM_001014184) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lpin3
Synonyms:	MGC109016
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211015 representing NM_001014184
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACTATGTGGGGCAGCTGGCAGAGACAGTGTTTGGAACAGTTAAGGAGCTATACAGGGGCCTGAACC
 CAGCCACACTGAGCGCGGCATTGACGTGCTGGTGGTCAAGCAGGTGGATGGCTCCTCCGATGCTCACC
 CTTCCATGTGCGGTTTCGCAAGCTGGGTGCTCTGCGGTACGCGGAGAAGGTGGTGACATCGAGATCAAT
 GGAGAGCCTGTGGACTTGACATGAAGTTGGGGACAGTGGCGAGGCCTCTTTGTCCAGGAGCTGGACA
 GTGATGAGGAAGATGTGCCTCCTCGACTGTGCACCTCACCCATCCCGTGGGGAGGCCTGTGAGGCTTTCC
 CTCAGACTCCCAGCTGGGCACAGCGAGCGAGCCTGAGGGCCTCGTCTTACGGGGCGGAGAAAGAGGCGG
 CGCAGGAGGAAACCCAGGCGCAGGGAGGATGCGGCGGACTCCAGTTCTGAAGAGCTGGAGGCAGGTGCCG
 AGAGTGAGCTGACCTTGTGGAAAAGCCAATGCCAGAGTCCCAAGTCTTGAAGGAAGAGGAGCCCTC
 ATCGCAGCCTAAAGACATCTACCCTACTCTGATGGCGAGTGTACGCCCCAGGCCAACCTTTCATCTGCT
 GACCTAATGTCCCTAAGAGTGACTCAGAACTAGAGCTGCGGCCCTTGGAGCCCAGTCTCTGAGGGCTG
 AGTCTCATATGCAGTGGCCTGGGGGAGGCTGCCTAAGGTGGCGAAAGCTGAGCATCCTGAGTTCTCGTT
 GGTCTTGAAAGTATGGCTGAGGCAATCTGTGCTTCTCTGGGAACTAGCCCTTCTCTATGGCTGGC
 GTGGACACTTTGAGATCCCCAGCGCTGCAACCAGGAGTCAAGGAAAGATATGTTTCATCCTGATGTGGAGG
 CATATCGTGAGGAACTCCCATGGATTCTCTTGTGCTGCCCCAGAGAGTAAGGAAACCAAGACTCAGAA
 CCCCAGGGGTACAGGACACCTCCTGCCACGAAATCATGGAGCTGGACCACTCCAGAGGCCACACGCCC
 TCTGGAGTACAGAAGTCTCCAGAGGAAGAGTCCCTGAAGAGAAGCCAGCAGCTGGGCCCAAGTGATA
 TCTACTGGATGATCTGCCCTCCTGGACTCTGAGAATGTGGCCCTCTATTTCCCTAAGAGTGACTGTGG
 GATGGGGCCAGGAGGTGGAGCGAGCCAGCAACCAGAAGCTGCTGGAGAACCCAGCCGTGAGCACACA
 GCAGAGTGCACCTGGAATCCGTGGACAGAATAGAATTGTCCCTCTGTGGTGGACTGGCCGACACTCGCG
 ATATCTCCCTGGAGAAGTTCACCCAGCACATGGTCTCTACGAGGACCTCACTAAGAACCCCGGGCTCCT
 GGATGACCCAACTCGTGGTGAATAAACGAGAAGCATTATAACTGGGCTGTGGCTGCCCCATGATT
 CTTTCTCTGCAAGCCTCCAGAAGAACTACCTGAGAGCACTGTGGACAAGCTTCAAAGGAGAAGATGC
 CCCGAAAGGTGGGCGATGGTGGTTTTCTGGAGACGAGGACTTCCAGCTGAGGAGCGCAGTGCCCA
 GAGGGAGAAAGCAGCAACCAGGAAACAGCAGGGAGAGAAGACAGAGGTCTAAGCAGTGATGACGATGTC
 CCAGATAGCCCTGTGATCCTCGAAGTCCCCACTGCCATCCTCCACTCCGGCTATGTCCCTACCTACA
 AGAAGTCTTTCGTCTCTTCCAATCAGATCCGGTGTCTAAACCTGAATGAAGGAGCTAACGATGTGGT
 CTTGAGCGTGACTACCCAGTACCAAGGCACCTGCGGTTGCAAAGCCACCATCTACCTGTGGAAGTGGGAT
 GACAAGGTGGTCACTCTGACATAGACGGCACCATCACCAAGTCGGATGCTCTGGGCCACATTCTGCCCC
 AGCTGGGGAAAGACTGGACACACCAGGGCATTACTAGTCTTACCACAAAATCCATCTAAATGGGTACAA
 GTTCTGTACTGCTCTGCACGGCTATCGGCATGGCTCACCTCACCAAGGGGTACCTGCAGTGGGTGAGC
 GAGCACGGCTGCGGCCTCCCTAAGGGCCCCATCCTGCTGTCTCCAGCAGCCTCTTCTCCGCCCTCCACA
 GGAAGTAATCGAGAAGAAGCCAGAGGTGTTCAAGTTGCCTGCCTGAGTGATATCCAGCAGCTGTTTCT
 GCCCAAAGACAGCCTTCTATGCGCGTTTGGGAACAGGCCTAACGATGTTTTTGCCTACAGGCAGGTG
 GGCTCCCTGAGTCTCGAATCTTACAGTCAACCCCGGGGAGAGCTCATCAAGAGCTATAAAGAACC
 ACAATCCACGTACCAGCGGCTTGGAGAGTGGTGGAGCTTCTTCCCGCCCGTGGTGCAGGCCCCAG
 CACAGACTGGCCAACCCTGAATACAGCAACCTCTGCTATTGGCGGAAGCCACTGCCGTGTGGACTTT
 GACACCCTGGTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001014184
Insert Size: 2535 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:	<u>NM_001014184.1</u> , <u>NP_001014206.1</u>
RefSeq Size:	3160 bp
RefSeq ORF:	2535 bp
Locus ID:	362261
Cytogenetics:	3q42