

Product datasheet for **RN209657**

Lpin1 (NM_001012111) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Lpin1 (NM_001012111) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Lpin1 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN209657 representing NM_001012111
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATTACGTGGGGCAGTTGGCCGGCCAGGTGTTTGTGACGGTGAAGGAGCTCTACAAGGGACTGAACC
 CTGCCACGCTGTCAGGATGCATCGACATCATTGTTGCCGCCAGCCCAATGGCAGTCTGCAGTGTCCCC
 GTTCCACGTCCGCTTCGGGAAGATGGGTGTCTACGCTCCCGAGAGAAAGTGGTGGACATAGAAATCAAT
 GGGGAGTCTGTGGATTTGCACATGAAGTTGGGAGACAACGGAGAAGCGTTTTTTGTTCAAGAGACTGACA
 ACGATCAGGAAGTCATCCCATGTACCTAGCCACGTCCCCATCCTGTCAGAAGGAGCTTCGAGAATGGA
 AAGCCAGTGAAGGAACTCTGTGGACAGAATCCGGGGCTGGATCCACTACAGCTGCCAGGGCCTG
 CCTCCAGCGACACCCCATCCACTGGTTCTCTGGGAAGAAGAGAAGGAAAAGGAGGAGGAAGGCCATT
 TGGACAATCTCAAAGAGATGACAATGTCAACACATCTGAGGACGAGGACATGTTCCCATAGAGATGAG
 CTCGGATGAGGACACAGCACTGATGGATGGGAGCAGAGCTTTCCTAATGATGTACCACCATTCCAAGAT
 GATATTCCTAAGGAAAACCTCCCTCGATTTCAACATATCCCCAGTCAGCATCGTACCCCAATTCAGACA
 GAGAGTGGTCCCCAGCCCCAGCAGCCTGGTAGATTGTCAGAGGACTCCCTCACCTGGCCGAGGGAGT
 TCTCTAGCTCTGTCTCTGCACTTGGCCACTTCCATGCTTCGAAAAGTCTTCAGGCTCCCGGCC
 TCAACACCAAAAAGTGATTCTGAGCTGGTCAGTAACTCTGCAGACAGATTGACGCCAAAAGAATAACCTGG
 AAATGCTCTGGCTATGGGGTGAATTGCCACAGGCTGCAAAGTCGTCTTCCACACAAGATGAAAGACTC
 CAGCCCTTAGGAGTCCGAAGATGGCTGATAAAATCCACTTCCAGACCATTACAGCGAGTCTTCAGAC
 ACTTTAGTGACCAGTCCCAACAATGGCCGGGGCTGCTCATCCACCAGAGCAAGGCTCAGACGGAAA
 TGCAGTTTGTGAATGAGGAGCCTTGAGGCCTGGGGCCGAGCCCACTTTGTCTGTAGCCGAAGA
 GCTCAAGGCCCCAGCCTCCAGCACAGCACAGACATCAAGCAAGTCAGATTCCTCCAGAAAAAAGAT
 AAACGAAGCCGGCACCTCGGAGCTGATGGCGTTTATCTGGATGACCTCACAGACATGGACCCGGAAGTGG
 CTGCCCTGATTTCCCAAGAATGGGGATCCCGGTGGGCTTCCAAACAAGCGAGTGACAACGGAGCCAG
 GTCAGCCAACAGTCCCCACAGTCGGTGGTAGCTCGGGCATTGACAGCGCGTGGAGAGCACCTCCGAC
 AGCCTGAGGGACCTGCCCTCCATCGCCATCTCCCTCTGCGGTGGCCTCAGTGACCACAGAGAGATACCA
 AAGATGCATTTTGAACAAGCCGTGCATATCAGCAATTTGCCGACAACCCTGCTATCATCGATGATCC
 CAACCTCGTGGTCAAGATTGGTAATAAGTACTACAACGGACAACAGCAGCTCCTCTACTCTGGCGATG
 CAGGCTTCCAGAAACCTTTGCCAAAGGCCACTGTGGAATCCATCATGAGAGATAAGATGCCAAAAGG
 GAGGGAGATGGTGGTTTTCTGGAGAGGAAGAAACGCCACAATCAAGAGGAGAGCAAGCCTGAGCAGGG
 CCTGCCTGGGAAGGGCCACAATACCGGAGAGCAGCCTGCACAGCTTGGCCTGACCACCAGATAAAGCAT
 GAGTATCCTCTAGTGAAGAGCACTCAGTACCAAGCCATCGAGCTCGAGCCACCTCTCTCTTGT
 CCAACGTGAGTACAAAAAGACCTGCGGCTCACATCGGAGCAGTTGAAAAGCTTGAAGTTGAAGAATGG
 CCCCACGATGTGGTGTTCAGTGTCACTACCCAGTACCAGGGCACCTGTCGCTGTGAGGGTACCATCTAC
 CTGTGGAATTGGGATGACAAAGTCATCATCTCAGATATCGATGGTACCATCACAAGATCTGATACTTGT
 GTCACATATTGCCCACTGGGAAAGGATTGGACTCACCAGGGCATCGCAAAGCTGTATCACAAGTAAG
 CCAGAATGGCTACAAGTTTCTATTGTTCTGACGTCGTCATTGGGATGGCAGACATGACGAGGGGCTAT
 CTGCACTGGGTCAACGAGAGGGGCACAGTGTGCCACAGGGGCCGCTTCTGCTGAGCCCCAGCAGCCTCT
 TCTCCGCTTGCACAGAGAAGTGATTGAAAAGAAGCCAGAAAAGTTCAAAGTCCAGTGTTTGACAGACAT
 CAAAAACCTGTTTTCCCAAACACAGAGCCCTTTATGCTGCTTTTGGGAACCGGCTGCCGATGTGTAT
 TCCTACAAGCAAGTGGGAGTGTCCCTGAATAGAATCTTACCCTCAACCCCAAGGGTGGAGTGGTGCAGG
 AGCATGCCAAGACCAACATCAGCTCGTATGTGCGGCTCTGCGAAGTGGTCGACCAGCTTCCCTTGTCT
 GAAGAGAAGCCATTCTGCGACTTCCCCTGTTCCAGACACTTTCAGTAACCTCACCTTTGGAGAGAGCCA
 CTGCCACCCTTTGAAAACCAGGACGTGCATTACGCTCAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

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| ACCN: | NM_001012111 |
| Insert Size: | 2775 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_001012111.1</u> , <u>NP_001012111.1</u> |
| RefSeq Size: | 3107 bp |
| RefSeq ORF: | 2775 bp |
| Locus ID: | 313977 |
| Cytogenetics: | 6q16 |