

## Product datasheet for **RN209217**

### **Lpin2 (NM\_001108236) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Lpin2 (NM_001108236) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lpin2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN209217 representing NM\_001108236  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAATTATGTGGCCAGCTGGCTGGGCGAGGTGCTTGTCACTGTGAAGGAACTCTACAAGGGCATTAAAC  
 AAGCCACTCTATCTGGGTGCATCGATGTGGTCTGGTGCAGCAGGATGGCTCCTATCAGTGCCTACC  
 TTTTCACGTGCGCTTCGGGAAGCTGGGTGTCTGAGGTCCAAGGAGAAGGTGATTGACATAGAAATCAAT  
 GGCAGTGTGTGGATCTTACATGAAATGGGTGATAATGGAGAAGCCTTCTTTGTAGAGGAGACTGAAG  
 AAGAATAGAAAACTGCCTGCTTATCTTGCCACCTCACCAATCCAAGTGAAGACCAGTTCTTTAAACA  
 TATTGACCCCTTTGGTGAATCAAGTGGAAATGAAAGGCCACCACAGAGTTCAGATGTTTCTCATACC  
 TTGGAATCAGAGGCAGTTTCACTCCGAGTTCTGTGAAAAAGAAGAAACGGAGGAGAAAGAGTGAACAC  
 AGGACAATAGGAAGGAGGAGCAGGCGCTTCCCCTGTTGCAGAAGATGTAGGCGATGTGGCTGTGAGCTC  
 TGATGATGAGAAGAGAGCCAGGCAGCAAGAGGATCTTCAAATGCTTCCCTAAAGGAAGAGGACTATAAG  
 GAGCCTCCGCCTTCCATTCTGGGGATAACTATCCCTTATCTGATGGAGATTGGTCTCCATTGGAACCA  
 GTTACCCACAGACAGTGTGCCCAAGAGTACTCGGAGCTGGAGGTGAAGCCATCCGAGAGCCTCCTCAG  
 ATCTGAGTCGCACATGGAGTGGACGTGGGGTGGGTTCCCAGAGTCCACCAAGGTGAGCAAAAGAGAAAGA  
 TATGACTATCATCCAAGGACAGCTACAATTACACCATCAGAAAACACTCATTAGGGTAATCCCAGTG  
 AAGACAGCCTCATAAGAGAAGTTGAGAAGGATGCTACTGTTGAAGATACTACCTGTACCATAGTGAACCC  
 CAAACCTCGAGCCCTGTGAAGCAACTGAGTGTGCAGCTTCCACTGAACTTCTGAATCGCCTCTTGAA  
 GCACCTCAGATCTCATCTACATTAGATGCAGCCCTGTTCCCAGCCATCAGCAGAGGCTCCCTCAGAGG  
 CCAAACAGCTGCTAAAGTAGACTCACCTACAAGAGAAAAGGTGTTCAAAAAGAAAGCCACCCAGGGG  
 ACCTGATGACATTTACCTTGATGACTTAAAGGCTCTTGAGCCTGAAGTGGCAGCTCTCTATTTCCCTAAA  
 AGTGACACCGATCCGGTCTAGGCAGTGGCCTGAGTCTGACACATTCTCTGGTTCTCAGTCCCCACAAT  
 CTGTGGGAAGTGCAGCTGCAGACAGTGGCACCGAATGCCTCTCGGATTCTGCCATGGACTTGCCTGATGT  
 AACTCTCTCCCTCTGTGGAGGCCCTCAGTGAGAATGGAGAGATTTCTAAAGAGAAGTTCATGGAGCACATC  
 ATCACGTACCACGAGTTTGCAGAGAACCCTGGCCTTATCGACAACCCGAACCTTGTGATCCGGATCTATA  
 ACCGTTACTACAAGTGGCGTGGCTGCTCCCATGATCCTTAGCTTACAGGTATTTCAGAAGAGTCTGCC  
 TAAGGCCACAGTCGAGTCTGGTTAAAGACAAGATGCCGAAGAAATCTGGCCGGTGGTGGTTTTGGCGA  
 AAGAAAGAAAGCATGACCAACAGTTGCCGGAGACCAAGGAGGGAAATCTGAGGTCCCTCCAGCAATG  
 ACCTGCCTCCGGTACTGAGGAGCCGTCAGTGCCAGACCTGCAGAGAATGACACTTCTAGTGACGAGGG  
 GTCACAGGAGTTAGAAGAAACCATCAAAGTTGACCCCATCTCGATGGAGACATTGAGTCACTGTGGAACA  
 GCCTCATATAAGAAGTCTCTCCGACTGTCTCGGACCAGATAGCAAAACTGAAACTCCACGATGGCCCCA  
 ATGATGTTGTATTCAGTATCACAAACCCAGTATCAGGGCACCTGTCCGGTGTGCGGGTACCATTTACCTGTG  
 GAACTGGAATGACAAAGTCACTTTCTGACATCGATGGAACAATAACCAAGTCTGATGCTTTGGGACAG  
 ATTCTCCACAGCTGGGTAAGACTGGACTCATCAGGGCATAGCTAGGCTCTACCATTCCATCAATGAGA  
 ATGGTTACAAGTTTCTGTACTGTTCTGCACGCGCCATCGGCATGGCCGACATGACCCGTGGCTATTTACA  
 CTGGGTCAATGACAAGGGCACAATCTTGCTCGAGGCCCTGATGCTGTCCCCAGCAGCTTGTCTCT  
 GCCTTCCACAGGGAAGTATAGAAAAGAAACAGAGAAGTTCAAATGAGTGTCTGAATGATATTAAGA  
 ACTTGTGTTGCCCATCCAGGCAGCCCTTCTATGCTGCCTTTGAAAACCGTCCCAACGATGTCTATGCTTA  
 CACACAAGTCCGAGTTCAGACTGTAGGATATTCACTGTGAATCCAAGGGTGAATTAATACAAGAAAGG  
 ACCAAAGGAAACAAGTCACTGATCACAGGCTGAGTGAGCTTGTGGAACACGTGTTCCACTTCTCAATA  
 AGGAACAGAAATCTGCCTTCCATGCCAGAGTTCAGTTCCTTCTGCTACTGGAGAGACCAATCCCTGA  
 CGTGGACCTGGATGACCTAGCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001108236

<b>Insert Size:</b>	2685 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001108236.1</a></u> , <u><a href="#">NP_001101706.1</a></u>
<b>RefSeq Size:</b>	5794 bp
<b>RefSeq ORF:</b>	2685 bp
<b>Locus ID:</b>	316737
<b>Cytogenetics:</b>	9q38