

## Product datasheet for **RN204072**

### **Ppp1r15b (NM\_001107175) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ppp1r15b (NM_001107175) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppp1r15b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN204072 representing NM\_001107175  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGAGACGGGAACACACAGGGCTCGGAAGCGGCCTACCTCTCGGATGGGCTCCTGGTCCGGCTGCCCT  
 TCCTTCGGCGTTTCGCACGCCTGCACTTCCGAGTCCCGAAGCCTTCTTCTCGACAAATCTCGAGGTCTC  
 CGCCCGCCGAGCCTCGGACCAGTACTGGACAAATTGCTTCCAGCTCCTTGCCCTGCTCCCTAGC  
 TTGCTCCAGAAGCTGCTTATTTGGAGTCAGTTTTTCGGTGGCATGATTCCGACCAGATGGTTAGATTTTT  
 CAGCAAGTTACAGCGCTTAAGAGCTTTGAGAGGACGGGAGGAATCAGCCGCTCCACAGTGCAGAAATC  
 TTTGAATCTCTGCGGCTGGACTCTTCTCGGAAGACTTGGTTGTCAGTTCTCTTGATTGGCTAGAGGAG  
 GGACTCCAGGGCAGTGTCTGCTCCTCAGACCTGGAATTGAAATCAAGGCCAGGAAAGAGCTTTAGACT  
 CTACAGCGCACACTTTCTCTGGAGCAGCAGCTGTGGGAGTGGAGTTGCTGCCGGTAGTCTTCAAAC  
 CGGTCTAGTCTCCACCGAGAACTTGGCTTTCATCCTCTGGGCCTCTGAGTACTCAGAGCTTGGGCAAT  
 TTCAAGGTAGTTTCTATCTCCTGAACCTTCTACCTGGACTGCCTTCCCAAGTTAGAGCTGCGCTGTC  
 AGAACAGCGTCGGAGGTGGCCAACCTTGTGGATTTCCGAACACTATCCCCAGAGAGCTGTACCTTTCTGA  
 AGATGCTTGTACCCCTCAGCCGCTGTGTCTGAGATGTCGGCAACTGCCTGGCGGAGGTGTCCGCCCTC  
 TCTACAGAAGGCCTGCCAGAAATCCACCACCTTCGGATGAAACGACTAGAATTCCTTCAGGCAAACAAGG  
 GGCAAGAGTTACCCACCCTGACCAAGACAATGGCTATCATAGCCTGGAGGAGGAGCACTGCCTTCTCCG  
 GATGGATCCGCAACATTGCACAGATAAGGCAGCACAGGCAGTCTCCCTGCTGGAGCCAGCCCGCAGCCC  
 ACTGAGAAAAAAGTAGAATTGGTGGTTGAGGAAGTTTTACAGAGCCCCAGGGAAGCAGTCTGTCTTGTG  
 AGTTAAGTGTGCAAAAAGAATGTGAAGACTACTCAGACATAGGGGGTAACCTTCCAGTCTCTACCAGACC  
 AGCTTGTACCAACAAACTGATAGATTATATTTTGGGAGGAGCCTCCAGTGACTTGGACACCAGCTCCGAT  
 TCTGAAAGTGAGGATTGGGATGAGGAACCTGAGGATGATGGTTTTGATAGTATGCTCCCTATCTGAAT  
 CAGACAGGGAACAAGACTCCGAAGGGCTTACCTTTGGAACTCTTCTACAGTGTAGATCCTTACAACCC  
 CCAGAACTTTACAGCCACAATTCAGACTGCTGCCAGAATTGCCCCAGAGACCCATCTGATTCAGAGAAG  
 TCCTGGTCTGGCAACTCTGATGTAGGGAGTTCAGGCCACACTCCTTCCCAAGACCCCTGACCAGAGTT  
 CCGGGGAGGAGGATGACTGGGAATCCAGTGCAGATGAAGCAGAAAATCTAGATTGTGGAACCTTTCTG  
 TAATTCTGAGGACCCCTACAACCTTTAAATTTAAGGCTCCTTCCAAACGTCAGGGAAGAGCTGGAAA  
 GGCAGTCAGGCATCCTCTGAGGCCACAGTGGTCTTTTCTGGGCATCAGACCTTACTTTCTGTGAGGCAC  
 AACTGTTAGAGAGCCAAGAAGACAATTGTCAGGCTGTGGCTGGGTGAGGCACTTTCTGGAGAAAGATA  
 CACCCATATCAAGAGAAAAAAGTAACCTTCTTGAAGAAGTTACTGAGTATTATATAAGTGGTGATGAG  
 GATCGCAAAGGACCATGGGAAGAATTTGCAAGGGATGGATGCAGGTTCCAGAAACGAATTCAGGAAACAG  
 AAGTCGCCATTGGCTACTGCTTGACATTTGAGCATAGAGAAAGAGTGTAGTAGACTGCAAGACCACGT  
 TTCAAAGGACTTACTGTTGTACAGCAGTGTAAAGCAGAGGGAGCAGCCTGCAGCCCTCACCCACTCCATC  
 TCTTACTTGAGAGGTTTCTCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001107175

**Insert Size:** 2124 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).

<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>NM_001107175.1, NP_001100645.1</u>
<b>RefSeq Size:</b>	5383 bp
<b>RefSeq ORF:</b>	2124 bp
<b>Locus ID:</b>	304799
<b>Cytogenetics:</b>	13q13