

Product datasheet for **RN216926**

Ppp1r16b (NM_001191072) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp1r16b (NM_001191072) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppp1r16b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216926 representing NM_001191072
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAGCCACGTGGACCTGCTCACAGAGCTGCAGCTGCTGGAGAAGGTCCTACACTGGAGCGCCTGC
 GCGCAGCCAGAAGCGCCGGGCTCAGCAGCTGAAGAAGTGGGCACAGTATGAGCAGGACCTGCTTCATCG
 CAAGCGCAAGCATGAGCGGAAGCGTAGCACCGGTGGACGTCGCAAGAAGGTGTCCTTCGAGGCCAGTGTA
 GCGTTGCTGGAGGCCTCACTGAGGAATGACGCTGAAGAAGTACGATACTTCCTGAAGAACAAGGTCAGCC
 CTGATTTGTGTAATGAGGATGGGCTCACAGCCTTGACACAGTGCATTGACAACCTCGAAGAGATTGT
 GAAACTGTTGCTCTCCATGGTGCAAACGTGAACGCCAAGGACAACGAGTTGGACACCCTGCACGCT
 GCAGCCACCTGCGGCCACATCAACCTAGTGAAGATCCTCGTTCAGTATGGGGCTGACTTGCTTGCTGTCA
 ACTCTGATGGGAACATGCCCTATGACCTCTGCGAGGATGAACCCACCCTGGATGCATCGAGACCTGCAT
 GCGGTACCAAGGCATCACCCAGGAGAAAATCAATGAGATGCGAGCAGCTCCTGAGCAGAAGATGATTTTCG
 GACATCCACTGCATGATAGCAGCCGGCCAGGATCTCGACTGGATAGATGGCCAGGGTGCCACACTGTAC
 ACATAGCTGGAGCCAATGGATACCTGCGGGCAGCCGAGCTCCTCCTGGACCACGGAGTGCCTGTGGACGT
 CAAGGATTGGGATGGCTGGGAGCCTCTGCATGCAGCAGCCTTCTGGGGACAGATGCCAATGGCAGAGCTC
 TTGGTGTCCCATGGAGCTAGTCTCAGTGCCAGGACATCCATGGATGAGATGCCAATAGACTTGTGTGAGG
 AGGAGGAATCAAAGTCTGTGTTGGAGCTTAAACACAAGCATGATGTAATCATGAAGTCCCAGCTGAG
 ACACAAGTCATCCCTGAGCCGGAGGACATCCAGTGCAGGCAGCCGTGGGAAGGTGGTGCCTCGAGCCAGC
 CTGTGAGACAGAACCAACCTATACCGGAAAGAATATGAAGGAGAGGCCATCTTGTGGCAGCAGCGGAGTG
 CAGCTGAGGAACAGCGTACTTCCACCTACAACGGAGACATCAGGGAGACCAGGACAGACCAGGAGAACAA
 GGACCCGAACCCAGGCTGGAGAAGCCCGTGTCTTTTTCAGAATTCTCTACCAAGATCTCCCGGGGAGAA
 CTGGATGGGCTGTGGAGAATGGCTCCGGGCTCCTGTACGACCTACCAGTATGCGCTGGCCAACGGGG
 ACATATGGAAGATGCACGAGATACCTGACTACAGCATGGCCTATGGCAACCCCGCATGGCTGATGTCCC
 CCCACCCTGGAGCGGCTTCAAAGAGCAGAGCCCCAGACGCTCCTGGAGCTGAAGAGGCAGAGGGCCGCA
 GCCAAGTTGCTCAGCCACCCGTTCTTAAGCACCCACCTGGGCAGCAGTGTGGCCAGGTCGGGGGAGGGCA
 GCAGCGAAGGCAAGGCCCCCTTGTATCGGAGGCAGAACTTCCCCCTACAGCAGCAACGGGACCTCGGTGTA
 TTATACGGTCACCAGCGGAGATCCCCGCTCTTGAAGTTCAAGGCCCCCATGGAGGAGATGGAGGAGAAA
 GTTCACGGCTGCTGCCGGATCTCCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191072
- Insert Size:** 1707 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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:

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_001191072.1](#), [NP_001178001.1](#)

RefSeq Size: 1886 bp

RefSeq ORF: 1707 bp

Locus ID: 680616

Cytogenetics: 3q42