

Product datasheet for **RN216846**

PPP2R5C (NM_001191112) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP2R5C (NM_001191112) Rat Untagged Clone
Tag:	Tag Free
Symbol:	PPP2R5C
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216846 representing NM_001191112
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTGACATGTAATAAAGCGGGCAGCGGGATGGTGGTGGATGCGGCCAGCTCCAACGGGCCTTTCCAGC
 CCGTGGCCCTTCCACATTCGAGATGTTCTCTGCAGATCAAGAGAAGCTTTTTATCCAGAAGCTACG
 TCAGTGTGTGTCTCTTTGACTTTGTTCTGACCCACTGAGTGACCTGAAGTGGAAAGGAGTAAAGCGA
 GCTGCACTCAGTGAGATGGTGGAAATATACACACACAACCGAACGTAATCACGGAGCCATTTACCCCG
 AGGCCGTCCACATGTTTGCAGTTAACATGTTTGAACCTTGCCACCCTCTCCAATCCTACGGGAGCAGA
 ATTCGACCCAGAAGAAGATGAACCAACGTTAGAAGCCGCTGGCCTCATCTGCAGCTTGTATGAATTT
 TTCTTAAGATTTTAGAGTCTCCAGATTTCCAGCCCAATATAGCAAAGAAATATATTGATCAGAAGTTG
 TATTGCAGCTTCTAGAGCTTTTACAGCGAGGATCCTCGGGAGAGAGATTTTCTAAAACTACCCTGCA
 CAGAATCTATGGGAAGTCTTAGGCCTGCGCGTTACATCAGGAAACAGATCAATAATATATTTTATAGG
 TTTATCTATGAGACAGAGCATACAATGGCATAGCAGAGTTACTGGAGATCCTGGGAAGTATAATTAATG
 GATTTGCCTTACCACTAAAGGAAGAGCACAAGATTTTCTGTTAAAGGTGTTGCTGCCCTTGACAAAGT
 GAAATCCCTGAGTGTCTACCATCCCCAGCTGGCGTACTGTGTCGTGCAGTTTTAGAGAAGGACAGCACC
 CTCACTGAACCAAGTGGTAAATGGCACTTCTCAAATACTGGCCAAAGACTCACAGTCCAAAAGAAGTAAATGT
 TCTTAAATGAATTAGAAGAAATCTTAGATGTAATTGAACCATCAGAAATTTGTGAAGATCATGGAGCCTCT
 TTTCCGACAGTTAGCCAAATGTGTTTCCAGCCCTCACTTCCAGGTGGCAGAGCGGGCGTGTATTACTGG
 AACATGAGTACATCATGAGTTTAAATCAGTGACAATGCAGCGAAGATTCTGCCATCATGTTTCCATCCT
 TATACCGCAACTCAAAGACCCACTGGAACAAGACCATAACCGGCTTGATATACAACGCCCCTGAAACTTT
 CATGGAGATGAACCAAAAACCTTTCGATGACTGCACGCAGCAGTTCAAAGCAGAGAAAACCTCAAAGAGAAG
 CTA AAAATGAAAGAGCGAGAAGAAGCGTGGGTTAAAATAGAAAATCTAGCCAAAGCGAATCCCCAGTATG
 CAGTGTATAGTCAAGCCAGCGCCATGAGCATCCCGGTTGCCATGGAGACAGATGGTCTCAGTTTGAAGA
 TGTGCAGATGCTGAAAAAGACAGTGAGCGACGAGACTCGTCAGGCACAGAAGGATCTGAAGAAGGACCGT
 CCCCTTGTGCGCCGCAAGTCCGAGCTGCCTCAGGACCCCCACACCGAGAAAGCCTTGGAAGCTCACTGCA
 GAGCCAGTGAGCTGCTCTCCAGGACGGGCGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001191112
- Insert Size:** 1575 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_001191112.1](#), [NP_001178041.1](#)

RefSeq Size: 1656 bp

RefSeq ORF: 1575 bp

Locus ID: 691318

Cytogenetics: 6q32