

Product datasheet for **RN214779**

Ppp2r5a (NM_001107891) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp2r5a (NM_001107891) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppp2r5a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214779 representing NM_001107891
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGTCGCGCTCGCCGCCGACCAGTTGCCTGCGCCGCCATCTCGGCCTCGGAGAAAGTGGACGGCT
 TCACCCGAAATCGGTGCGCAAGGCGCAGAGGCAGAAGCGCTCTCAGGGCTCGTCGAGTTCCGCAGCCA
 GGGCAGCCAGGCGGAGCTGCACCCCTGCCACAGCTCAAAGATGTACATCAAATGAACAGCAAGAGCTT
 TTCTGCCAGAAGCTACAACAGTGTGTACTGTTTATTTCATGGACTCTGTTTCAGACTTGAAGAGCA
 AAGAAATTAAGAGCAACGCTCAATGAGCTGGTTGAGTATGTTTCGACTAACCGTGGTGAATTGTTGA
 ATCAGCGTATTCTGATATTGAAAAATGATCAGTGCTAACATCTCCGGACACTTCTCCAAGTGATAAC
 CCAGACTTTGACCCGGAAGAGGATGAGCCACACTTGAGGCTCTTGGCCTCACATACAGCTGGTGTATG
 AATTCTTCTTGAGATTCTTGAGAGTCTGATTTCCAGCCAGCATTGCAAAGCGATACATTGACCAGAA
 GTTTGTACAACAGCTCCTGGAGCTTTTCGACAGTGAAGACCCACGAGAGCGTGACTTCTGAAGACCGTC
 CTGACCCGGATTTACGGGAAGTTCTGGGAATGAGGGCGTTCATCAGAAAAGCAAACAACATCTTCC
 TCAGGTTTATCTATGAAACGGAGCATTTCAATGGAGTGGCTGAGCTCCTTGAAATACTGGGAAGTATCAT
 CAATGGCTTTGCGTTGCCACTGAAAGCAGAACATAAGCAGTTTCTAATGAAGTTCTTATTCCTATGCAT
 ACTGCAAAGGACTGGCTCTGTTTCATGCTCAGCTGGCTACTGTGTTGTGCAGTTCTGGGAAAGACA
 CGACACTGACAGAGCCGGTATCAGAGGACTCTGAAATTTGGCCAAAAACATGCAGTCAGAAAGAGGT
 GATGTTTTTAGGAGAAATGAAGAGATCTTAGACGTCATTGAGCCAACACAATTCAAAAAGATTGAAGAG
 CCGCTTTTTAACAGATATCCAAGTGTCTCCAGTTCCTACTCCAGTTGCAGAGAGCACTGTACT
 TCTGGAATAACGAATACATTCTCAGTTTGATTGAGGAGAATCGATAAGATCCTGCCCATCATGTTTGC
 CAGTTTGTATAAAATTTCCAAAGAACACTGGAATCAGACTATTGTAGCTCTGGTATACAACGTGCTGAAA
 ACCCTAATGGAGATGAACGGGAAGCTTTTTGATGACCTTACTAGTTCCTACAAGGCTGAAAGACAGAGAG
 AGAAGAAGAAAGAACTGGAACGCGAAGAATTATGGAAAAAGTTAGAAGATTGAAGCTGAAGAAGGCTCT
 AGAAGAACAGAACATGCTTACAACATGCACAGTATTCTCAGCAATACCAGTGCCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107891
- Insert Size:** 1461 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:**
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_001107891.1](#), [NP_001101361.1](#)
RefSeq Size: 2596 bp
RefSeq ORF: 1461 bp
Locus ID: 312754
Cytogenetics: 13q27