

Product datasheet for **RN205332**

Ppp2r5b (NM_181379) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp2r5b (NM_181379) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppp2r5b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN205332 representing NM_181379
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGACGAAGCTGCCCCCTGCAAGCACCCCCACAAGCCCTCCTCCCCGGGGTGTCTCCAGTGCCAC
 CACCAGACAAGGTGGATGGCTTCTCCCGCGATCCCTCCGAGGGCCCGGCCCGACGCTCACACAGCTC
 TTCTCAGTTCCGCTATCAGAGCAACCAGCAAGAGCTCACTCCACTGCCCTGCTCAAAGATGTGCCAGCC
 TCTGAGTTACATGAGTTGCTAAGCCGAAACTGGCCCAATGTGGGGTGTGTTTGACTTCTTGGACTGTG
 TGGCTGACCTCAAGGGCAAGGAGGTGAAGCGTGCAGCCCTCAATGAACTTGGAATGTGTGGGAGCAC
 CCGGGGGTCTCATTGAGCCTGTCTACCAGACATCATCCGCATGATATCAGTAAATATCTCCGGACC
 CTGCCGCCAGTGAGAACCCTGAATTTGACCCTGAAGAAGATGAGCCCAACCTTGAGCCTTCGTGGCCAC
 ATCTACAGCTGGTATATGAGTTTTCTGCGGTTCTTGGAGAGTCCAGATTTCCAGCCCTCTGTGCCAA
 GAGATACGTGGATCAAAAGTTTGTCTGATGCTCCTGGAGCTATTTGACAGCGAGGACCCCCGGAAACGT
 GAGTACCTCAAGACCATCTTGCATCGGGTATACGGCAAGTTCTGGGTCTCCGGGCTACATCCGCAAAC
 AGTGCAACCACATCTTCTCCGGTTCATCTATGAGCTGGAGCACTTAAATGGTGTGGCTGAGCTGTTAGA
 GATCTTAGGAAGCATCATCAATGGCTTTCGCGTGCCTGAAAGACTGAGCACAACAGTTCTGGTTCGA
 GTCCTCATCCCCTTGCACTCTGTCAAGTCACTGTCTGTTTTTCATGCTCAGCTGGCATACTGTGTGGTGC
 AGTTCCTGGAGAAGGATGCGACCTTGACAGAGCATGTTATCCGGGGCTTCTCAAATACTGGCCTAAAC
 CTGACCCAGAAGGAGGTGATGTTCTGGGGGAGATGGAAGAGATTCTCGATGTGATCGAGCCCTCCAG
 TTTGTGAAGATCCAGGAGCCTCTCTCAAGCAGGTGGCTCGCTGTGTCTCCAGCCCCATTTCCAGTTG
 CAGAGCGGGCTCTGATTTCTGGAACAATGAGTACATCCTGAGCCTCATTGAGGACAACATGCCACTGT
 GCTGCCTGCGGTATTTGGGACCCTCTACCAAGTGTCCAAGGAGCACTGGAATCAAACCATCGTGTCCCTG
 ATCTACAACGTGCTCAAGACTTTCATGGAGATGAATGGGAAGCTGTTTGTGAGCTTACAGCCTCTACA
 AGCTAGAAAAACAGCAGGAGCAGCAGAAGGCCAGGAGCGGCAGGAACTTTGGCGAGGCTTGGAGGAACT
 GCGGTTACGCCGCTACAGGGGACCCAAGGGCCAAGGAAGCCCTGTCCAAGGCTACGCCCCAGGTG
 GCTGCCAGTGGGGTCAAAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_181379
- Insert Size:** 1494 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_181379.2](#), [NP_852044.1](#)

RefSeq Size: 2213 bp

RefSeq ORF: 1494 bp

Locus ID: 309179

UniProt ID: [Q80W83](#)

Cytogenetics: 1q43

Gene Summary: human homolog is a regulatory subunit for protein phosphatase 2A, one of the four major Ser/Thr phosphatases implicated in the negative control of cell growth and division [RGD, Feb 2006]