

## Product datasheet for **RN202494**

### **PPP2R2B (NM\_022209) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	PPP2R2B (NM_022209) Rat Untagged Clone
Tag:	Tag Free
Symbol:	PPP2R2B
Synonyms:	Pppr2b2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202494 representing NM\_022209  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAATGCTTCTCTCGTTACCTGCCTTATATCTTCAGACCTCCAATACCATCCTCTCTCCAGCTGCC  
 AACTGAAGCTGACATTATCTCTACGGTAGAATTCACCACACTGGAGAGTTACTAGCGACGGGGACAA  
 GGGGGTAGGGTTGTAATATTTACGCGAGAACAGGAGAGTAAAAATCAGGTTTCATCGTAGGGGTGAATAC  
 AATGTTTACAGCACATTCAGAGCCATGAACCCGAGTTCGATTACCTGAAAAGTTTAGAAAATAGAAGAAA  
 AAATCAATAAAAATAGATGGCTCCCTCAACAAAATGCAGCTTACTTTCTCTGTCTACCAACGATAAAAC  
 TGTGAAGCTATGGAAGTTAGTGAGCGTGATAAGAGGCCAGAAGGCTACAACCTGAAAGATGAGGAGGGC  
 CGGCTCCGGGATCTGCCACCATCACACCCTGCGGGTGCCTGTCCTGAGACCCATGGACTTGATGGTGG  
 AGGCCACCCACGAAGAGTGTGGCCAATGCGCACACATACCACATCACTCCATATCTGTCAACAGCGA  
 CTATGAGACCTACATGTCTGCTGATGACCTGAGGATTAACCTGTGGAACCTTGGATAACCAATCAGAGT  
 TTTAATATCGTGGACATCAAGCCAGCCAACATGGAGGAGCTCACAGAAGTGATCACAGCAGCCGAGTTCC  
 ACCCCACCACCTGCAACACCTTTGTATACAGCAGCAGCAAGGGGACAATCCGGCTGTGTGACATGCGGGC  
 ATCTGCGCTGTGTGACAGGCACACCAAGTTTTTGAAGAGCCAGAAGATCCAAGCAATAGATCGTTTTTC  
 TCTGAAATATCTCTTCAATTTCCGGATGTGAAGTTCAGCCACAGTGGGAGGTATATCATGACCAGAGACT  
 ATCTGACCGCGAAAGTCTGGGATCTCAACATGGAAAATCGCCCGTAGAGACATACCAGGTTTCATGACTA  
 CCTCCGTAGCAAGTTGTGCTCCCTACGAAAATGACTGCATTTTGGATAAATTCGAGTGTGTGTGGAAT  
 GGGTCAGACAGCGTCATCATGACGGGCTCTACAATACTTCTCAGGATGTTTCGACCCGAAACACCAAGC  
 GTGATGTGACCCTTGAGGCCTCAAGGGAAAACAGCAACCCCGGGCTATCTCAAACCCGAAAAGTGTG  
 CGTCGGGGCAAGCGAAGAAAAGATGAGATCAGTGTGACAGTCTGGACTTAGCAAAAAGATCTTGCAAT  
 ACAGCTTGGCATCCTTCAGAAAATATTATAGCAGTGGCGGCTACAATAACTTATATATATTCCAGGACA  
 AGTTAAT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_022209

**Insert Size:** 1341 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\\_022209.3](#), [NP\\_071545.2](#)  
RefSeq Size: 1990 bp  
RefSeq ORF: 1341 bp  
Locus ID: 60660  
UniProt ID: [P36877](#)  
Cytogenetics: 18p11  
Gene Summary: may regulate the activity of protein phosphatase 2A catalytic subunit; may play a role in spermatid elongation [RGD, Feb 2006]  
Transcript Variant: This variant (1) encodes a functional protein.