

## Product datasheet for **RN200244**

### **Ptprr (NM\_001113390) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ptprr (NM_001113390) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptprr
Synonyms:	PC12-PTP1; Pcptp1; R-PTP-R
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN200244 representing NM\_001113390  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGATATAGACAAGCTGAACATAACCTTGCTTCGGATCTCCGCCAAGGAGTAGCTGCAGCCCTGGGAC  
 TCTTACCTCAGCAAGTACACATCAACCGCCTCATTGAAAAGAAGAGCCAGATTGAGTTGTTTGTGTCTCC  
 CGGAAACCGGAAACAGGAGAGCCGAGGCCCTGCAGGCTGAGGAAGTACTGCGTTCCTTAATGTGGAT  
 GTTTTGGCTCAGAGTTTACCACAGTTTGAATTATAGACGTCTCCCTGAGAAAAATGTTTTACAAGGGC  
 AGCATGAAGCGGACAAGATCTGGAGCAAAGAAGGCTTTACGCCGTGTCATCTTCCTCAGCATCTTTAT  
 CATTATAGTAACCTGTTGATGATCATTATAGGTTAAAAGAAAGGCTTCAGCTTTCCTTACGACAAGAT  
 AAAGAGAAAAACAGGAGATCCACCTATCGCCATTGCACTCCAGCAAGCACAATCGGAGGCCAAGGCAG  
 CCCACAGCATGGTCCAGCCGACCAGGCCAAAGGTGCTGAATGTTGTTGTGGACCCTCAAGGCCAATG  
 CACTCCTGAGATTCGAAACACCGCTCCACTTCTGTCTGCCCTTCCCTTCAGGATGAAGCCCATAGGA  
 CTCCAGGAGCGACGAGGTTCCAATGTATCTTACACTGGACATGAGTAGCCTGGCAACGTGGAACCCCT  
 TTGTGGCCGTCTCCACCCCGGGAGAAGGTAGCCATGGAGTACCTGCAGTCAGCCAGCCGAGTTCTCAC  
 AAGGCCACAGCTGAGGGACGTGTCGGCAAGTCCACCTGCTTCAAAGTGAATTCATGGAATACCAATG  
 AACTTTGTGGATCCCAAAGAAATTGATATTCCACGTGATGGAACATAAAATCGTTATAAGACCATTTTGC  
 CAAATCCCCTCAGCAGGGTGTGCTTAAGACCAAAAAATAAAGTACCCATTGAGTACTTACATCAATGC  
 TAATTACATTCGGGGCTACAGTGGCAAGGAGAAAGCCTTCATTGCCACACAGGGCCCATGATCAACT  
 GTGAATGACTTCTGGCAGATGGTTTGGCAAGAAGACAGTCTGTGATTGTTATGATCACGAAACTCAAAG  
 AGAAAAATGAGAAATGTGTGCTACTGGCCAGAAAAGAGAGGGATTTACGGCAAGTTGAGTTCTGGT  
 CATCGGTGTCATGAATGTGATAACTACACCATCCGCAACCTCGTCTTGAAGCGAGGAAGTCACACCCAA  
 CATGTGAAGCATTACTGGTACACTTCATGGCCGATCACAAAGTCCAGACAGTCCCAGCCCTTCTGC  
 AGCTCATGCTGGACGTAGAGGAAGACAGACTGGCCTCTGAAGGCCGAGGGCCTGTGGTTGTCCACTGCAG  
 TGCAGGGATTGGGAGAACCAGGATGTTTCATCGCTACATCCATTGGCTGTCAACAGTTGAAAGAAGAAGGA  
 GTCGTAGATGACTAAGTATCGTCTGCCAGCTCGTGTAGACAGGGGTGGAATGGTCCAAACAGTGAAGC  
 AGTATGAATTTGTGCACCAGCTCTGTGCCTGTCGAGAGCAGACTTTCGCCAGAAACGGTCCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001113390

**Insert Size:** 1608 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\\_001113390.1](#), [NP\\_001106861.1](#)

**RefSeq Size:** 2869 bp

**RefSeq ORF:** 1608 bp

**Locus ID:** 94202

**UniProt ID:** [O08617](#)

**Cytogenetics:** 7q22

**Gene Summary:** may play a role in neuronal growth and differentiation [RGD, Feb 2006]  
Transcript Variant: This variant (2) lacks two 5' exons but has an alternate 5' UTR exon, which results in a downstream AUG start codon, as compared to variant 1. The resulting isoform (2) has a shorter N-terminus, as compared to isoform 1.