

## Product datasheet for **RN200243**

### **Ptprr (NM\_053594) Rat Untagged Clone**

#### **Product data:**

|                    |                                      |
|--------------------|--------------------------------------|
| Product Type:      | Expression Plasmids                  |
| Product Name:      | Ptprr (NM_053594) 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:** >RN200243 representing NM\_053594  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGGAGAGCGGTCCGTTCCCTGCACCTGTGCCTGCTTCTTAATCTTCACGCTGCAGGGTGTTCCTCA  
 GGAACAATGACCACTTTTGGCTATTCGTCAAAGAAGAGTTGAAACCCATGTTCAATTTATGACCATTC  
 CCAAGACATTAAGAAGAGCCTGGATATCGCTCAAGAGGCATATAAACACAACCTACCCCGCCCCCTCAGAA  
 GTTCAAATAAGCAAACGTCACCAGATCGTTGATTGAGCATTCTAGACCTGCATATGACCCATCTCTTA  
 ATCTGTTGGTGCATCTGGTCAAGACCTCGAAATAGAAAATCTCCAATTCAGCAGCAAATGTGATTGT  
 GGTGACACTGCAAATGGATATAGACAAGCTGAACATAACCTTGCTTCGGATCTCCGCCAAGGAGTAGCT  
 GCAGCCCTGGGACTTTACCTCAGCAAGTACACATCAACCGCCTCATTGAAAAGAAGAGCCAGATTGAGT  
 TGTTTGTGTCTCCCGAAACCGAAACCCAGGAGAGCCGAGGCCCTGCAGGCTGAGGAAGTACTGCGTTC  
 CCTAATGTGGATGTTTTGCGTCAGAGTTTACCACAGTTTGAATTATAGACGTCTCCCTGAGAAAAAT  
 GTTTTACAAGGGCAGCATGAAGCGGACAAGATCTGGAGCAAAGAAGGCTTTTACGCCGTCGTCATCTTCC  
 TCAGCATCTTTATCATTATAGTAACCTGTTTGATGATCATTTATAGGTTAAAAGAAGGCTTCAGCTTTC  
 CTTACGACAAGATAAAGAGAAAAACCAGGAGATCCACCTATCGCCATTGCACTCCAGCAAGCACAATCG  
 GAGGCCAAGGCAGCCACAGCATGGTCCAGCCGACCAGGCGCAAAGGTGCTGAATGTTGTTGGGACC  
 CTCAAGGCCAATGCACTCCTGAGATTCGAAACCCGCCTCCACTTCTGTCTGCCCTTCTCCCTCAGGAT  
 GAAGCCATAGGACTCCAGGAGCGACGAGGTTCCAATGTATCTTACTGGACATGAGTAGCCTGGGC  
 AACGTGGAACCTTTGTGGCCGTCTCACCCCGGGAGAAGGTAGCCATGGAGTACCTGCAGTCAGCCA  
 CGCGAGTTCTACAAGGCCACAGCTGAGGGACGTCGTGGCAAGTCCCACCTGCTTCAAAGTGAATTCAT  
 GGAAATACCAATGAACTTTGTGGATCCCAAAGAAATTGATATTCCAGTCATGGAATAAAAAATCGTTAT  
 AAGACCATTTTGCCAAATCCCCTCAGCAGGTTGCTTAAGACAAAAAATAAAGTACCCATTGAGTA  
 CTTACATCAATGCTAATTACATTCGGGGCTACAGTGGCAAGGAGAAAGCCTTCATTGCCACACAGGGCCC  
 CATGATCAACTGTGAATGACTTCTGGCAGATGGTTGGCAAGAAGACAGTCTGTGATTGTTATGATC  
 ACGAAACTCAAAGAGAAAAATGAGAAATGTGTGCTCTACTGGCCAGAAAAGAGAGGGATTACGGCAAGG  
 TTGAGGTTCTGGTCATCGGTGTCAATGAATGTGATAACTACACCATCCGCAACCTCGTCTGAAGCGAGG  
 AAGTCACACCCAACATGTGAAGCATTACTGGTACACTTCATGGCCGATCACAAGACTCCAGACAGTGCC  
 CAGCCCCCTTCTGCAGCTCATGCTGGACGTAGAGGAAGACAGACTGGCCTCTGAAGGCCGAGGGCCTGTGG  
 TTGTCCACTGCAGTGCAGGGATTGGGAGAACCGGATGTTTCATCGCTACATCCATTGGCTGTCAACAGTT  
 GAAAGAAGAAGGAGTCGTAGATGCACTAAGTATCGTCTGCCAGCTTCGTGTAGACAGGGGTGGAATGGTC  
 CAAACAGTGAGCAGTATGAATTTGTGCCACCACGCTCTGTGCCTGTTTCGAGAGCAGACTTTCGCCAGAAA  
 CCGTCCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_053594
- Insert Size:** 1971 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\\_053594.2](#), [NP\\_446046.2](#)

**RefSeq Size:** 3578 bp

**RefSeq ORF:** 1971 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 (1) encodes the longer isoform (1).