

## Product datasheet for RN205764

### Ptprj (NM\_017269) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ptprj (NM_017269) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptprj
Synonyms:	DEP-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205764 representing NM_017269 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCCCCGGGAAGCCCGGGCGGGGAGCGGGGACTAGGCGGACCGGCTGGCGGAGAAGGAGGCGGA  
GGCGTCGGCTGGAGGCGGAGACCAGGGCGCCGGCTTCGGGCACACGGCGGGGCGCGTCCCGGGCACGTT  
CCAGGGCGCGCAGGGCATGAAGCCCGCGGCGGGAGACGCGGACACCCCGCGCTCGCCGGGCTCCGC  
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CACTTCAGAATAAAGATAAATGAGGAAACACGCTGCGGTATACTGTTAAAAACAGACATCATTAAAC  
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GATCGAATGAGACCCAGCATGACTTATGGGTACAGAAGCGCTCTCGGATGCCAATGGCACCCGAGGGAAG  
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CCCTCCCTCACAGAGTCTTGTCACTGAGCTAAAGCCTGATCACTCAGTACAAAGTCACCATTTATTCTC  
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CGCGGGTATACCAGGCTTCTCCAAGTGTACACTTCCCCCGTCTGTTTCTGACTTCCGAGTGACAAAT  
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AGGAGGGAAGTGAGAAACGTTGGAATGCTTCGACGGGAGACCTGAGCTATATCGTTGAAAATTTAAAGCC  
TGGACCAGTTACCAATTTGAAATATCCACGAGGACCAATGGGACTGAAGGGCCATCCAGACAGTT



GTTGGTAGAACTGACTGCAGTGCTGTGACTGACATCCGCGTGGTCAGCGTTAGCACCCTGAAATACAGC  
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 CATCAAGACCAACAGTTCTCAGAAATGGATCACAGTGGGGGGCCTTACCCAGGCACCTTATACAATGTT  
 ACAATCTTTCCAGAAGTGGACCAGATGGAGGGCAACTCCAGCTCTATTACCCAGTACACAAGGCCAGCA  
 ATGTGTCTACATTGAAGTAAACACCAACACCACCGTGGCAGCCATCCAGTGAAGAACCTGGACGCAGC  
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 CCACCTCTCCAGATGGATCCCCTAATATTACATCGGTGAGTACAATTCAGTAAAGGTGAAGTTCAGTG  
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 TGCTGGCTTTACCAATATTACCTACAACCTTCAAGACGATGGCCTTATTAATGGGGATGAGAGCTATGTA  
 TCTTTCAGTCCGATTCAGAGGCCGTGCTTGCCTCAAGATCCAGGTGTGATCTGCGGAGCGGTGTTCCG  
 GATGATCTTTGGTGGCCTGGCCATTGTGGCTGTGGGAGGCTTCATCTTCTGGAGAAAAGAAAAGGAAAGA  
 TGCCAAGAATAATGAAGTGTCTTTTCTCAAATTAATCCAAGTTAATCCGAGTGGAGAATTTTGAAGCC  
 TACTTTAAGAAACAGCAAGCCGACTCCAAGTGTGGTTTGCAGAGGAATATGAGGATCTGAAGCTGATTG  
 GAATAAGTTTACCTAAATATGCAGCGGAAATAGCTGAAAACAGGGGGAAGAACCCTACAACAACGCTCT  
 GCCCTATGATATTTCTCGAGTCAAACCTTTCAGTCCAGACCCATTGACAGACGACTACATCAATGCCAAC  
 TATATGCCTGGCTACCATTCCAAGAAAGATTTTATTGCCACACAAGGACCTTTACCAACACTTTGAAAG  
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 AAGGACCAAAATGTGAAGAGTACTGGCCTTCCAAGCAGGCTCAGGACTACGGGGACATAACTGTGGCAATG  
 ACATCAGAAGTTGTTCTTCCGGAATGGACCATCAGAGATTTTGTGGTAAAAATATGCAGAGTAGTGAGA  
 GTCATCCTCTGCGGCAGTTCATTTACCTCCTGGCCTGACCATGGTGTCTGACACCACCGACCTGCT  
 CATCAACTTTCGGTACCTGGTCCGGGATTACATGAAGCAGATCCCCCTGAGTACCAATCCTGGTGCAT  
 TGCAGTGTGGGTTGGAAGGACGGGCACTTTTATTGCTATTGATCGCCTGATCTATCAGATAGAGAACG  
 AGAACACCGTGGATGTGTATGGCATTGTCTACGATCTTCCGATGCACAGGCTCTGATGGTACAGACAGA  
 GGACCAGTATGTTTTCTCAATCAGTGTGTGTTGGATATTATCAGAGCCCAGAAAGACTCAAAAGTTGAC  
 CTCATCTATCAGAACACAACCGCAATGACAATCTATGAAAACCTCGAGCCAGTGAGCATGTTTGGAAAGA  
 CTAATGGTTACATCGCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_017269
- Insert Size:** 3870 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\\_017269.2](#), [NP\\_058965.2](#)

**RefSeq Size:** 7500 bp

**RefSeq ORF:** 3870 bp

**Locus ID:** 29645

**Cytogenetics:** 3q24

**Gene Summary:** protein tyrosine phosphatase expressed in smooth muscle cells; may be involved in cell adhesion or cell-cell signaling [RGD, Feb 2006]