

## Product datasheet for **RN202929**

### **Ptpre (NM\_053767) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ptpre (NM_053767) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptpre
Synonyms:	PTPepsilon
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202929 representing NM\_053767  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAACCTTCTGTCCACTCCTGTTGGCAAGTTTAGCTTGTGCTTGGCCAGCTGGCCAGGGCAACG  
 ACCACCCCAACAGAGCAACTGGACCAGTACAACCTGCAGGTCTCCGACCCTGGCAGTCCCAGCC  
 GCTGCTTACCTGGCTGCTGCTCCTCTGCTCCTCCTGTTCTCCTTGCAGCCTACTTCTCAGTTC  
 AGGAAGCAGAGGAAAGCCGTGGTCAACAGCAACGACAAGAAGATGCCTAACGGGATCCTAGAAGAACAAG  
 AGCAGCAGAGAGTGATGCTACTGAGCAGATCTCCATCGGGTCCCAAGAAGTACTTCCCCATCCCTGTGGA  
 GCACCTGGAGGAGGATCCGGGTGAGATCTGCGGATGACTGCAAGCGGTTCCGAGAGGAGTTCAATTCA  
 TTGCCATCCGGACACATAACAAGAACCTTTGAACTAGCAAATAAAGAAGAAAACAGAGAAAAAACAGAT  
 ACCCCAACATTCTGCCAATGATCATTGCAGAGTGATTTTGGCCAAATGGATGGAATCCCTGCTCTGA  
 CTACATTAATGCTTCTACATAGATGGCTACAAGAAAAGAACAATTCATAGCAGCTCAAGGCCCAAG  
 CAGGAGACAGTGAATGACTTCTGGAGAATGGTCTGGGAGCAAAGGTCAGCCACCATTGTCATGTTGACGA  
 ACCTGAAGGAAAGGAAGGAGGAGAAGTGCTACCAGTACTGGCCAGACCAGGGCTGTTGGACTTATGGGAA  
 CATCCGGGTGTGTAGAGGACTGCGTGGTCTGGTGGATTACACCATCCGCAAGTTCTGCATCCATCCG  
 CACTCCCGACAGCTGCAAAGCTCCACGGCTGGTCTCACAGCTGCACCTCACCAGCTGGCCTGACTTTG  
 GGGTACCATTTACCCCATCGGAATGCTGAAGTTCCTGAAGAAAGTGAAGACACTCAACCCTCATATGC  
 TGGGCCATTGTGGTCCACTGTAGCGGGGCGTGGGTCCGACTGGCACCTTATTGTGATCGATGCCATG  
 ATGGACATGATCCACTCGAACAGAAGGTTGACGTCTTCGAGTTTGTGTCTAGAATCCGCAATCAGCGCC  
 CTCAGATGGTCCAGACAGATGTTTCAGTATACATTCATCTACCAAGCCTTACTGGAATACTACCTCTATGG  
 GGACACGGAGCTGGATGTGCTCCTCCTGGAGAGGCACCTGCAGACGCTACATGGCACAGCCACCCATTTT  
 GACAAGATCGGGCTGGAGGAAGAGTTTCAGGAACTGACCAACGTGCGAATCATGAAGGAGAACATGAGGA  
 CGGGCAACCTGCCGGCAACATGAAGAAGGCCCGTGAATCCAGATCATCCCATATGACTTCAATCGGGT  
 AATCCTGTCCATGAAAAGAGGGCAAGAGTTCACAGACTACATCAATGCATCCTTCATAGATGGCTACAGG  
 CAGAAGGACTACTTATGGCTACACAGGGGCTCTGGCGCACACAGTTGAGGACTTCTGGAGGATGGTCT  
 GGGAGTGAAGTACACACAATCGTCATGCTGACTGAGGTGCAGGAGCGGGAGCAGGATAAATGCTACCA  
 GTATTGGCCAACCGAGGGCTCAGTACTCACGGAGATATAACTATAGAAATAAAGAGTGACACCCTGTCT  
 GAAGCAATCAGCATAAGACTTTCTGTTACTTTCAAACAGCCCTGGCCCGCCAGGAAGAGCAGGTCC  
 GGATGGTGAACAATCCATTTCCATGGCTGGCCTGAGGTTGGAATCCCACTGAGGGTAAAGGCATGAT  
 TGACCTGATCGCGGCAGTGCAGAAGCAGCAGCAGCAGACAGGCAACCACCCATCACCGTGCAGTGCAGT  
 GCGGGAGCAGGGCGGACAGGTACATTCATAGCACTCAGTAACATTTTGGAACGAGTGAAAGCCGAGGGAC  
 TCCTAGATGTGTTTCAAGCTGTGAAGAGCTTAAGACTTCAGAGACCACACATGGTGCAAACCTGGAGCA  
 ATATGAATTCGTACAAAGTGGTACAAGATTTTATCGATATATTTTCTGATTATGCTAATTTCAAA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_053767

**Insert Size:** 2100 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_053767.1</a></u> , <u><a href="#">NP_446219.1</a></u>
<b>RefSeq Size:</b>	2308 bp
<b>RefSeq ORF:</b>	2100 bp
<b>Locus ID:</b>	114767
<b>UniProt ID:</b>	<u><a href="#">B2GV87</a></u>
<b>Cytogenetics:</b>	1q41
<b>Gene Summary:</b>	cytoplasmic form of protein tyrosine phosphatase epsilon; may play a role in signal transduction [RGD, Feb 2006]