

## Product datasheet for **RN200951**

### **Ptpra (NM\_012763) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ptpra (NM_012763) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptpra
Synonyms:	LRP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200951 representing NM\_012763  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGATTCTGGTTCATTCTTATCTGTGGCAGTGGTCTAATACACATTAGTGCCAACAACACTACTA  
CAGTTTACCTTTCTTAGGAACTACAAGATTAATTAACAACATCAACAACAGAATCGGCTAAGGAAGAGAA  
TAAAACCTCAAATTCAACCTCTTCAGTAATTTCTTTCTGTGACACCAACATTCAGCCAAATCTAACT  
CTGGAACCCACTATGTGACTACTGTAAATTTCTCACACTCTGACAATGGGACCAAGAGAGCAGCCAGCA  
CGGAATCTGGAGGCACTACCATTTCACCAACGGAAACATACGGAACATGGCTTACTGATAACCAAGTTCAC  
GGATGCCAGAACAGAACCCTGGGAGGGGAATCCAGCACTGCAGCAACCCTCCAGAAACCTTCCCCCT  
GCAGATGAGACACCAATCATTGCGGTGATGGTGGCCCTGTCTCTGCTAGTAATTGTGTTTATTATTA  
TAGTTCTGTACATGTTAAGGTTTAAAGAAATACAAGCAAGCTGGGAGCCATTCCAATTTCTCCGCTGTC  
AAATGGCCGCACAGAGGATGTGGAGCCCCAAAGTGTACCACTTCTGGCCAGGTCCCGAGCACAACAGG  
AAGTTCCACCACTGCCTGTGGACAAGCTGGAAGAGGAGATTAACCGGAGAATGGCTGATGACAATAAGC  
TCTTCAGAGAGGAATTAACGCCCTCCCTGCCTGTCCAATCCAGGCCACCTGTGAGGCTGCCTCCAGGA  
AGAAAAACAAGGAAAAAACCGATATGTAACATCCTGCCTTATGACCACTCCAGAGTGCACCTGACGCCCT  
GTGGAAGGGGTTCCAGATTCTGATTACATCAACGCCTCATTATTAATGGCTACCAGGAAAAAGAACAAAT  
TCATTGCTGCACAAGGACCAAAAGAAGAACCGTGAATGATTTCTGGAGAATGATATGGGAACAGAACAC  
AGCCACCATTGTCATGGTGACCAACCTGAAGGAGAGAAAGGAGTGAATGTGCCAGTATTGGCCAGAC  
CAAGGCTGCTGGACCTATGGGAATGTCCGTGTCTGTCTGAGGATGTGACTGTTCTGGTGGACTACACAG  
TACGGAAATCTGCATCCAGCAGGTGGGCGAGTCAACAACAGGAAGCCACAGCGCCTCATCACTCAGTT  
CCATTTACCAGCTGGCCAGACTTTGGGTGCCTTTTACCCTAATTGGCATGCTCAAGTTCCTCAAGAAAG  
GTGAAAGCCTGTAAACCTCAGTATGCAGGGCTATCGTGGTCCACTGCAGTGCAGGTGTAGGGCGCACTG  
GCACCTTTGTTGTCATCGATGCCATGCTGGACATGATGCATTCCGAGCGCAAAGTGGATGTATATGGGTT  
TGTGAGCCGGATCCGGGCCAGCGCTGCCAGATGGTCCAGACAGACATGCAGTACGTCTTCATATACCAG  
GCCCTTCTGGAGCATTATCTATATGGCGACACAGAGCTGGAAGTACTTCCCTAGACACCCACCTGCAAA  
AAATTTATAACAAGATCCAGGAACTAGCAACAATGGACTAGAGGAGGAATTTAAGAAATTAACCTCAAT  
CAAAATCAAAATGACAAGATGCGTACGGGAACTTCCAGCCAACATGAAGAAGAACCGAGTTTACAG  
ATCATTCCATATGAATTTAACAGAGTATCATTCCAGTCAAACGGGGCGAAGAGAACACAGACTATGTGA  
ACGCATCCTTCATTGATGGCTACCGGCAGAAAGATTCCTACATCGCCAGCCAGGGCCCTCTCTCCACAC  
AATTGAGGACTTCTGGCAATGATCTGGGAATGGAAGTCTGCTCCATTGTAATGCTAACAGAATGGAA  
GAAAGAGGCCAGGAGAAGTGTGCCAGTACTGGCCATCTGATGGCCTGGTGTCTATGGAGACATCACAG  
TTGAGCTGAAGAAGGAGGAGGAATGTGAGAGCTACACTGTCCGAGACCTCCTGGTCAACAACACAGGGA  
GAACAAGAGTCCGCAGATCCGGCAGTCCACTTCCACGGCTGGCCTGAGGTGGGCATCCCCAGCGATGGG  
AAGGGTATGATCAACATCATTGCAGCAGTGCAGAAGCAGCAGCAGCAGTCAAGGAAACATCCCATCACTG  
TGCAGTGCAGTCCCGGGCAGGACGGACAGGGACCTTTTGTGCCTTGAGCACAGTCTGGAGCGCGTGAA  
AGCAGAAGGAATTTGGATGTCTTCAAACCTGTCAAGAGCCTGCCGCTGCAGAGGCCACACATGGTCCAG  
ACACTGGAACAGTATGAATTCGCTACAAGTGGTACAGGAGTACATCGATGCCTTCTCAGATTATGCCA  
ACTTCAAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul  
ACCN: NM\_012763  
Insert Size: 2391 bp

<b>OTI Disclaimer:</b>	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>	<a href="#">NM_012763.2</a> , <a href="#">NP_036895.2</a>
<b>RefSeq Size:</b>	2925 bp
<b>RefSeq ORF:</b>	2391 bp
<b>Locus ID:</b>	25167
<b>Cytogenetics:</b>	3q36
<b>Gene Summary:</b>	member of a family of receptor protein tyrosine phosphatases [RGD, Feb 2006]