

Product datasheet for RN214140

Ptpa (NM_001108577) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ptpa (NM_001108577) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Ptpa
 Synonyms: Ppp2r4
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN214140 representing NM_001108577
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCGAGGGCGAGCGGCAGCCGCCAGATTCTTCAGAAGAGACCCCTTCAGCTACTCCGACCTTCA
 TCATTCAAAAAAGGAGATCCACACAGTCCAGATATGGGCAAATGGAAGCGCTCTCAGGCATATGCTGA
 CTACATCGGCTTTATCCTAACCTGAATGAAGGTGTGAAAGGGAAGAAGCTAACCTTCGACTACAAAGTC
 TCTGAGGCCATTGAGAAGCTGGTGGCACTTCTTGATACGCTGGATAGGTGGATTGATGAAACCCCGCCAG
 TGGACCAGCCTTCCCATTGGGAACAAAGCCTACAGGACCTGGTATGCCAAACTCGATCAGGAAGCAGA
 AAATTGGTGGCTACAGTGATCCCCACCAACCTGGCTGCTGTGCCTGAAAGTGGCAGTTTACCTGAAG
 GAGGCTGTGGGAACTCCACACGCATTGACTATGGCACAGGGCATGAGGCTGCCTTTGCTGCTTTCCTCT
 GTTGTCTCTGCAAGATTGGTGTACTCCGGTGGACGACCAGGTGGCTATTGTCTCAAGGTGTTGATAG
 GTATCTTGAGGTTATGCGGAAGTTGCAGAAGACATACAGGATGGAGCCTGCGGGCAGCCAGGGCGTGG
 GGCTGGATGACTCCAGTTCCTGCCCTCATCTGGGGCAGCTCCAGCTCATAGACCACCCCACTGG
 AGCCAGACATTTGTGGACGAGAAGCGGTGAGCGAAAACCAAGGACTACATGTTCCCTCCAGTGAT
 CCTGTTTCATACCGAGATGAAGACCGGCCCTTTGCAGAGCACTCAACCAAGCTGTGGAACATCAGTGCT
 GTCCCGTCTGGTCTAAAGTGAACCAGGGCCTCATTGCGATGTATAAGGGGAGTGCCTGGAGAAGTTCC
 CTGTGATCCAGCACTTCAAGTTCGGGAGCCTGCTGCCATCCATCCGGTACATCAGGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001108577
 Insert Size: 972 bp



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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:	<ol style="list-style-type: none">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:	<u>NM_001108577.2</u> , <u>NP_001102047.1</u>
RefSeq Size:	2479 bp
RefSeq ORF:	972 bp
Locus ID:	362102
Cytogenetics:	3p12