

Product datasheet for **RN209668**

Ptpmt1 (NM_001105726) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ptpmt1 (NM_001105726) Rat Untagged Clone
Tag: Tag Free
Symbol: Ptpmt1
Synonyms: Plip
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN209668 representing NM_001105726
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTTCCTGTCCCGGGATCCCCGGCCCTGCCTCTGACGGCGGGGACTCAGCTTCGGAGAGTCGGGAGG
 CATCAGGTGGCCCGCAGCTCTCGTCTCTGCGTCTTCTCGCGGTGGCTGACCGCGAGCTCCGAAGCGGG
 TGGCTGGCCGCTGCGCTTGGCGGGTGGGGCGGGATGGCGGCGTCCGCGTGGCTGGAGGCCGGCCTGGCC
 CGGGTGTCTTTACCCGACGCTGCTCTACACAGTGTTCGGGGGAGGGTGGCGGCCCGCCGCGCACCGCG
 ATTGGTACCACCGCATCGACCACACAGTGTGCTGGGCGCGCTGCCGCTGAGGAGCATGACGCGCCGGCT
 GGTACTGGACGAGAACGTGCGCGGAGTGATCACTATGAACGAGGAGTACGAGACCAGATTCTGTGCAAC
 ACCTCGAAGGAATGGAAGAATGTGGGAGTTGAGCAGCTACGGCTCAGCACAGTCGACATGACTGGAGTCC
 CCACCTTGGCCAACCTCCACAGAGGAGTCCAGTTTGTCTCAAGTACCAGTCCCTGGGCCAGTGTGTCTA
 CGTGCAATTGTAAGGCTGGTTCGATCCAGAAGTGCCACAAATGGTGGCAGCCTATCTGATTAGGTACACAAC
 TGGAGCCCAGAGGAGGCTATAGAAGCTATCGCCAAAATCCGGTACACATCTCCATCAGGCCAGCCAGT
 TGGAAATTCTCAAAGAGTTCCACAAGGAGATTGCTGCAAGGGCAGCAAAGAACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001105726
Insert Size: 756 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_001105726.1</u> , <u>NP_001099196.1</u> |
| RefSeq Size: | 1629 bp |
| RefSeq ORF: | 756 bp |
| Locus ID: | 29390 |
| Cytogenetics: | 3q24 |
| Gene Summary: | mouse homolog is a phosphatase which specifically catalyzes the conversion of phosphatidylinositol 5-phosphate to phosphatidylinositol [RGD, Feb 2006] |