

Product datasheet for **RN215612**

Ppm1d (NM_001105825) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppm1d (NM_001105825) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppm1d
Synonyms:	Wip1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215612 representing NM_001105825
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGGGCTGTACTCTCTGGGAGTGAGCGTCTTCTCTGACCAGGGCGGGAGGAAGTACATGGAGGACG
 TAACTCAGATTGTGGTGAACCCGAGCCCGCTGCGGAGGACAAGCCGGCCCGGTACCCCGCGGGCGCT
 CGGGCTGCCGGCGACCCCATCTCTCGTCGGCGTGGGCCATCGGAAAAGGCCCGCGGGCCCGCGAC
 CCTGCCCGGACGCCGGCCTCGCTACCCGCTGGACGCTGCTGTGCGCCGCGCTCTCGGTGGCCTTCT
 TCGCTGTGTGCGACGGGACGGCGGGGGAGGCGGCACAGTTTGCCGGGAGCACTTGTGGGTTTCAT
 CAAGAAGCAGAAAGGCTTACCTCGTCCGAGCCCGCAAGGTGTGCGCTGCCATCCGCAAAGGCTTCTC
 GCCTGTCACTCGCCATGTGAAGAAATGGCAGAATGGCCAAAGACTATGACAGGTCTTCCAGCAGCT
 CCGGAACAACCTGCCAGTGTGTTATCATACGGGCATGAAGATGTATGTAGCTCATGTAGGTGACTCTGG
 AGTGGTCTTGAATTCAGGATGACCCAAAGGATGATTTTGTGAGAGCTGTGGAGGTGACACAAGATCAC
 AAGCCAGAATTCCCAAGGAAAGAGAAAGAATTGAAGGACTTGGCGGGAGTGTGATGAACAAGTCTGGAG
 TGAATCGTGTAGTTTGGAAAAGACCTCGGCTCACTCACAGTGGACCTGTGAGAAGGAGTACAGTCATTGA
 TCAGATTCCTTTCTTGGCCGTAGCAAGAGCACTTGGTGAATTTGTGGAGCTATGATTTCTTCAAGTGAAG
 TTTGTGGTGTACCTGAACCGGACACCAGTGTCCACACTTGACCCCGAGAAGCACAAGTATATATATCC
 TGGGAAGTGTAGGGCTTTGGAATATGGTTCCACCTCAAGATGCCATCTCCATGTGCCAAGACCAAGAGGA
 GAAAAAATACTTGATGGGTGAGCAAGGACAGTCTTGTGCTAAAAATGCTTGTGAATCGAGCACTTGGCCGC
 TGGAGGCAGCGTATGCTTCGAGCAGATAACACAAGTGCATAGTAATCTGCATCTCTCCAGAAGTAGATA
 ATCAAGGGAACCTTACCAATGAAGATGAGCTCTTCTGAACCTGACTGATAGCCCTACTTACAACAGCCA
 AGAAACCTGTGTGATGACTCCTTCTCCAAGTTCTACACCACAGTCAAGTCACTGGAAGAAGATCCATGG
 CCAAGGCTGAACCTAAGGACCATATACCTGCCCTTGTTCGCAAGTAAATGCCTTCTCAGAGAAGTTTTAG
 AGGTCCCAGCTGAGATAGCTCGAGGAAGTATCCAGACTGTAGTCATGACCTCAAAGACTCAGAGACT
 TGAAGAAAATTGCCCAAAGCCCTGACTTTAAGGATTCATGATCTTTGAATAATACTCTGTCAGTTGGC
 CTCATGCCAACCAATTCAACAAATACTATCATGGACCAAAAAATTTAAAGATGTCAACTCCAGGTCAA
 TGAAGCTCAAGAAGTTGAAAGAACCCTCCAGCCAATTTAAAAGGACATTAGAAGAATCCAACCTCGG
 TCCCTTATGAAGAAGCATCGACGAAATGGCTTAAGTCGAAATAGCGGGGCCAAGCTTCGAGTCTCCCC
 ACAGCATCCAGCGCAGGCACTGTGCACACTGACCATGAGGCGCAGACTCCGGGGCCAGAAGAAGATGG
 GGATCCTCTTTACATCAGCACCGAAAACAGTGTGTGTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001105825
- Insert Size:** 1797 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_001105825.2](#), [NP_001099295.2](#)

RefSeq Size: 2909 bp

RefSeq ORF: 1797 bp

Locus ID: 287585

Cytogenetics: 10q26