

Product datasheet for **MC220126**

Ppwd1 (NM_172807) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppwd1 (NM_172807) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppwd1
Synonyms:	4632422M10Rik; A330090G21 Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC220126 representing NM_172807
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACCGAGAGTGGGAGCGATTTCGAGCTGAGGAGGAGAAGGCGCCGAGACCCAGGGATCAGAAA
 AAACGGAACTGAGCGAGCGAGAACC GGCCCTGGCAGTGGCGGGGAGCGAAGAAAATGATGATGAGAATGA
 AGAGCGCTGGGTGGGCCCTTTACCGGTGGAGGCAACCCTTGCCAAGAAGAGGAAAATTCTGGAGTTCGAA
 AGAGTCTACCTTGATAATCTCCCAAGTGCATCCATGTATGAGCGCAGTTACATGCACAGAGATGTTATCA
 CACATGTGGTATGTACAAAACAGATTTTATTACTGCTCCAGTCATGATGGACATGTTAAATTTTGAA
 AAAATAGAAGAAGGAATTGAGTTTGTAAACATTTTCGTAGTCACCTGGAGTTATTGAGAGTATTGCA
 GTTAGCTCTGAGGGAGCGTTGTTCTGCTCTGTCGGTGATGATAAAGCGATGAAGGTGTTGATGTGGTGA
 ACTTTGACATGATCAACATGCTGAAGCTCGGCTATTTCTGGACAGTGTGAGTGGATATATTGCCCAGG
 AGATGCCATATCTTCAGTTGCTGCTTCTGAGAAGAGTACAGGAAAAATTTTCATTTATGATGGACGAGGA
 GATAACCAGCCATTCATATTTTGACAACTCCATGTATCCCTCTTACTCAAATAAGACTAAACCCAG
 TTTACAAAGCAGTGGTGTCTTCTGACAAATCCGGGATGATTGAGTACTGGACTGGACCGCCGACGAATA
 TAAGTTCCTAAAAATGTGAACCTGGGAGTATAAGACAGACACAGACTTATATGAATTTGCCAAGTGAAG
 GCATATCCAACCAGCATATGTTTTTACCTGATGGGAAGAAAAAGCAACCATTGGATCAGACAGAAAAAG
 TTAGAATTTTCAGGTTTTAACTGGAAAACCTCATGAGGGTCTTTGATGAATCATTAAAGTATGTTTACTGA
 ACTGCAGCAGATGAGGCAACAACACCAGACATGGAATTTGGCCGACGAATGGCTGTAGAACGTGAGCTG
 GAGAAAAGTGGATGCTGTAAGATTAGTTAACATCGTTTTTGATGAAACCGGACACTTCGTGCTGTACGGAA
 CATTAGAGTGATGCAGCTAGCTTTGTTTCAGGGAATAGCCAAAAAGCATCGAGCTGCAGCTACCATAGAG
 ATGAAAGCTTCTGAAAATCCTGTTCTTCAAGATATTCAAGCTGACCCAACAATAGTCTGTACATCTTTCA
 AAAAGAATCGCTTTTATATGTTTACAAACGAGAGCCGGAAGATACAAAACTGCAGATTCTGACAGAGA
 TGTTTTTAAAGAGAACCTTCTAAAGAAGAAGTCAAGGAGTCAAGCTGAAGGGCCGAAAGCGAGTT
 TCAGATAGTGCCATTGTCCACACAAGCATGGGAGACATTCACATCAAATTTTCTGTTGAGTGTCCCA
 AGACTGTGAAAACCTTCTGTGTTTATAGCAGAAATGGTTATTACAATGGGCATACATTCCACCGTATAAT
 TAAGGGCTTCATGATTACAGACAGGAGATCCAACAGGACTGATGGGGGCGAAAGCATATGGGGAGGA
 GAGTTTGGAGACGAATTCACCTCAACATTACGACATGACAGACCGTACACACTCAGCATGGCCAATGCTG
 GATCAAATACCAACGGATCCAGTTTTTATAACAGTAGTACCAACGCCTTGGCTTGATAATAAGCACAC
 GGTGTTTGGAAAGAGTACTAAAGGCATGGAGGTTGTGCAGAGGATTTCTAACGTTAAAGTCAACCCCAA
 ACCGATAAGCCTTATGAGGACGTCAGCATCATAAATATCACTGTCAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_172807
- Insert Size:** 1941 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_172807.4](#), [NP_766395.2](#)

RefSeq Size: 2367 bp

RefSeq ORF: 1941 bp

Locus ID: 238831

UniProt ID: [Q8CEC6](#)

Cytogenetics: 13 D1

Gene Summary: PPlase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding. May be involved in pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]