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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; A330090G21Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGACCGAGAGTGGGAGCGATTCGCAGCTGAGGAGGAGAAGGCGCCGAGACCCAGAGGGATCAGAAA
AAACGGAACTGAGCGAGCGAGAACCGGCCCTGGCAGTGGCGGGGAGCGAAGAAAATGATGATGAGAATGA
AGAGCGCTGGGTCGGGCCTTTACCGGTGGAGGCAACCCTTGCCAAGAAGAGGAAAGTTCTGGAGTTCGAA
AGAGTCTACCTTGATAATCTCCCCAGTGCATCCATGTATGAGCGCAGTTACATGCACAGAGATGTTATCA
CACATGTGGTATGTACCAAAACAGATTTTATTATCACTGCCAGTCATGATGGACATGTTAAATTTTGGAA
AAAAATAGAAGAAGGAATTGAGTTTGTTAAACATTTTCGTAGTCACCTTGGAGTTATTGAGAGTATTGCA
GTTAGCTCTGAGGGAGCGTTGTTCTGCTCTGTCGGTGATGATAAAGCGATGAAGGTGTTTGATGTGGTGA
ACTTTGACATGATCAACATGCTGAAGCTCGGCTATTTTCCTGGACAGTGTGAGTGGATATATTGCCCAGG
AGATGCCATATCTTCAGTTGCTGCTTCTGAGAAGAGTACAGGAAAAATTTTCATTTATGATGGACGAGGA
GATAACCAGCCACTTCATATTTTTGACAAACTCCATGTATCCCCTCTTACTCAAATAAGACTAAACCCAG
TTTACAAAGCAGTGGTGTCTTCTGACAAATCCGGGATGATTGAGTACTGGACTGGACCGCCGCACGAATA
TAAGTTCCCTAAAAATGTGAACTGGGAGTATAAGACAGACACAGACTTATATGAATTTGCCAAGTGTAAG
GCATATCCAACCAGCATATGTTTTTCACCTGATGGGAAGAAAATAGCAACCATTGGATCAGACAGAAAAG
TTAGAATTTTCAGGTTTTTAACTGGAAAACTCATGAGGGTCTTTGATGAATCATTAAGTATGTTTACTGA
ACTGCAGCAGATGAGGCAACAACTACCAGACATGGAATTTGGCCGACGAATGGCTGTAGAACGTGAGCTG
GAGAAAGTGGATGCTGTAAGATTAGTTAACATCGTTTTTGATGAAACCGGACACTTCGTGCTGTACGGAA
CGATGCTGGGCATTAAAGTAATAAATGTAGAAACGAATCGGTGTGTGCGGATCTTAGGCAAGCAAGAAAA
CATTAGAGTGATGCAGCTAGCTTTGTTTCAGGGAATAGCCAAAAAGCATCGAGCTGCAGCTACCATAGAG
ATGAAAGCTTCTGAAAATCCTGTTCTTCAGAATATTCAAGCTGACCCAACAATAGTCTGTACATCTTTCA
AAAAGAATCGCTTTTATATGTTTACCAAACGAGAGCCGGAAGATACAAAAACTGCAGATTCTGACAGAGA
TGTTTTTAATGAGAAACCTTCTAAAGAAGAAGTCATGGCAGCTACTCAAGCTGAAGGGCCGAAGCGAGTT
TCAGATAGTGCCATTGTCCACACAAGCATGGGAGACATTCACATCAAACTTTTTCCTGTTGAGTGTCCCA
AGACTGTGGAAAACTTCTGTGTTCATAGCAGAAATGGTTATTACAATGGGCATACATTCCACCGTATAAT
TAAGGGCTTCATGATTCAGACAGGAGATCCAACAGGTACTGGTATGGGGGGCGAAAGCATATGGGGAGGA
GAGTTTGAGGACGAATTCCACTCAACATTACGACATGACAGACCGTACACACTCAGCATGGCCAATGCTG
GATCAAATACCAACGGATCCCAGTTTTTTATAACAGTAGTACCAACGCCTTGGCTTGATAATAAGCACAC
GGTGTTTGGAAGAGTGACTAAAGGCATGGAGGTTGTGCAGAGGATTTCTAACGTTAAAGTCAACCCCAAA
ACCGATAAGCCTTATGAGGACGTCAGCATCATAAATATCACTGTCAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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).

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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:	PPIase 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]

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