

Product datasheet for **RN209226**

Ppwd1 (NM_001106406) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppwd1 (NM_001106406) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppwd1
Synonyms:	RGD1310204
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209226 representing NM_001106406
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGCAGAGATTGGTAGCGATTTCGAGCTGAAGAGAAGAAGACGCCGGGACCCAGGGGATCAGAAA
 AAACGGAACTAAGCGAGCGAGAACCGGCACTGGCAGTGGAGGGGAGAGAAGAAAATGATGATGAGAATGA
 AGAGCGCTGGGTGGGCCCTTTACCGGTGGAAGCAACACTGGCCAAGAAGAGGAAAATTCTAGAGTTTGAA
 AGAGTCTACCTTGAAAATCTCCCACTGCATCCATGTATGAGCGCAGTTACATGCACCGAGATGTTATCA
 CACATGTGGTGTGCACCAAAACAGATTTTATTACTGCTCCAGTCATGATGGGCATGTCAAATTTTGAA
 AAAAATAGAAGAAGGAATTGAGTTTGTAAACATTTTCGTAGTCACCTAGGCATCATCGAGAGCATTGCA
 GTTAGCTCTGAGGGAGCATTGTTCTGTTCTGTTGGTGATGATAAAGCAATGAAGGTGTTTGTGTGGTAA
 ACTTTGACATGATCAATATGCTGAAGCTTGGCTATTTTCTGGACAATGTGAGTGGATATACTGCCCAGG
 AGATGCCATCTCTCAGTTGCTGCTTCTGAGAAGAGTACAGGAAAAATTTTCATTTATGATGGTCGAGGA
 GATAACCAGCCACTTCATATTTTGACAACTCCATGTATCCCTCTTACTCAGATAAGACTAAACCCAG
 TTTACAAAGCAGTGGTGTCTTCTGACAAATCTGGAATGATTGAGTACTGGACTGGACCACCCGATGAATA
 TAAATTCCTAAAACGTGAACTGGGAGTATAAACCGGACACAGATTTATATGAATTTGCCAAGTGAAG
 GCGTATCCAACAGCATATGCTTTTACCTGATGGGAAGAAAATAGCAACCATTGGATCAGACAGAAAAG
 TTAGAATTTTCAGGTTTTAACTGGAAAACCTATGAGGGTCTTTGATGAATCGTTAAGTATGTTTACTGA
 ACTGCAGCAGATGAGGCAACAGTACCAGACATGGAATTTGGCCGACGAATGGCTGTAAGACGTGAGCTG
 GAGAAAAGTGGATGCTGTAAGATTAATTAATATCGTTTTTGTGAAACCGGACACTTCGTGCTCTATGGAA
 CAATGCTGGGCATTAAGTAATAAATGTAGAAAACAAATCGGTGTGTGCGGATTTTAGCAAGCAAGAGAA
 CATTTCGAGTGATGCAACTGGCTTTGTTTCAGGGAATAGCCAAAAGCATCGAGCTCAGCTACCATAGAG
 ATGAAAGCTTCGAAAACCTGTTCTCCAGAACATTCAAGCTGACCCAACCATAGTCTGTACGTCTTTCA
 AGAAGAATCGGTTTTATATGTTTACAAACGAGAACCAGAAGATACGAAAAGTGCAGATTCTGACAGAGA
 TGTTTTAATGAGAAACCTTCTAAAGAAGAAGTCAAGGAGTCAAGCTGAAAGGCGGAAAACGAGTT
 TCCGACAGTGCCATTGTTACACAAGCATGGGAGACATTCACATCAAATTTTCTGTTGAGTGTCCCA
 AGACTGTAGAAAATTTCTGTGTTACAGCAGAAATGGCTATTACAATGGGCATACATTCCACCGCATAAT
 TAAGGGCTTCATGATTACAGACAGGAGATCCAACAGGCACTGGTATGGGGGAGAAAAGCATATGGGGAGGA
 GAATTTGAGGATGAATTCACACTCAACATTACGACATGACAGACCTTACACACTCAGCATGGCCAATGCTG
 GATCAAATACAAACGGATCCAGTTCCTCATAACGGTAGTGCCAACACCTTGGCTTGATAATAAGCACAC
 TGTGTTTGGCCGAGTGACTAAAGGAATGGAGGTGGTGACAGAGGATTTCCAATGTTAAAGTCAATCCCAAA
 ACCGATAAGCCTTACGAGGATGTCAGCATCATAAATATCACTGTCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106406
- 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_001106406.1](#), [NP_001099876.1](#)

RefSeq Size: 2453 bp

RefSeq ORF: 1941 bp

Locus ID: 294711

Cytogenetics: 2q12