

Product datasheet for **SC337003**

PPWD1 (NM_001278926) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPWD1 (NM_001278926) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPWD1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

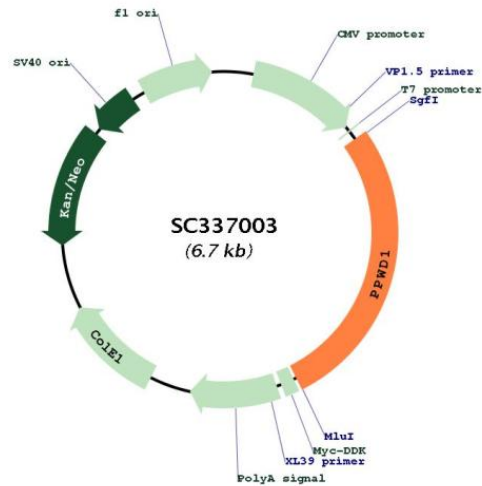


[View online »](#)

Fully Sequenced ORF: >SC337003 representing NM_001278926.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAGGAGAACGAAGAGCGCTGGGTTGGACCTTTACCTGTGGAGGCAACACTGGCCAAGAAGAGGAAAG
CAGCCACATGAAGTTGGAATTTCAACTCTTATTTAGTCTTAGAGTTTGAAGAGTCTATCTTGATAAT
CTCCCCAGTGCATCCATGTATGAGCGCAGTTACATGCATAGAGATGTTATCACCCATGTGGTATGCACC
AAAACAGATTTTATTATTACTGCCAGTCATGATGGACATGTCAAGTTCTGAAAAAATAGAAGAGGGA
ATTGAATTTGTTAAACATTTTCGTAGTCACCTGGGAGTTATTGAGAGTATTGCAGTTAGCTCTGAGGGA
GCATTGTTCTGTTCTGTGGGTGATGATAAAGCAATGAAGGTGTTTGTAGTGAAGTTCGACATGATC
AACATGCTGAAACTTGGCTATTTTCTGGACAGTGTGAGTGGATCTATTGCCAGGGGATGCAATTTCT
TCAGTTGCTGCTCCGAAAAGAGTACAGGAAAAATTTTCATTTATGATGGCCGAGGAGATAACCAGCCA
CTTCATATTTTGGACAACTCCATACATCACCTCTTACTCAGATACGGCTAAACCCAGTTTACAAGCA
GTAGTGTCTTCTGACAACTCTGGGATGATTGAATACTGGACTGGGCCTCCTCATGAATATAAATTTCCC
AAAAATGTGAACTGGGAATATAAACTGACACTGATTTATATGAATTTGCCAAGTGAAGCTTATCCA
ACCAGCGTATGTTTTTACCAGATGGGAAGAAAATAGCTACTATTGGTTCTGATAGAAAAGTTAGAATT
TTCAGATTTGTAAGTGGAAAACCTCATGAGAGTCTTTGATGAATCACTAAGCATGTTTACTGAACTGCAA
CAGATGAGGCAACAGTTACCAGACATGGAATTTGGCCGACGAATGGCTGTAGAAGTGTGAGTTGGAGAAG
GTTGATGCTGTAAGATTAATTAATATAGTTTTTGTAGAACTGGACACTTCGTGCTGTATGGAACAATG
CTGGGCATTAAGTTATAAATGTAGAGACAAACCGGTGTGTGCGGATTTTAGGCAACAAGAAAAATATT
AGAGTGTGCAATTGGCTTTGTTCCAGGGGATAGCCAAAAAGCATCGTGCTGCAACTACTATAGAAATG
AAAGCTTCTGAAAATCCTGTTCTTCAGAAATTTCAAGCTGACCCAACAATAGTCTGTACATCATTCAA
AAGAATAGATTTTATATGTTTACCAAACGAGAACCAGAAGATACGAAAAGTGCAGATTCTGATCGAGAT
GTTTTTAAATGAGAAACCTTCTAAAGAAGAAGTCATGGCAGCTACTCAAGCTGAAGGACCTAAACGAGTT
TCGGACAGTGCCATTATCCACACCAGCATGGGAGACATTCACACCAAACCTTTTTCTGTTGAGTGCCT
AAGACAGTGGAAAACCTTCTGTGTTACAGCAGAAATGGTTATTATAATGGGCATACATTTACCCTATA
ATTAAGGGCTTTATGATTCAGACTGGAGATCCAACAGGTACTGGTATGGGAGGAGAAAGCATATGGGGA
GGAGAATTTGAAGATGAATTTTCAACATTACGACATGACAGGCCATACACACTCAGCATGGCTAAC
GCGGGATCAAATACTAATGGATCCCAGTTTTTTCATAACGGTAGTACCAACGCCTTGGCTTGATAATAAG
CATACAGTATTTGACGAGTGACTAAAGGAATGGAAGTTGTACAGAGGATCTCCAACGTCAAAGTCAAT
CCCAAAACAGATAAGCCCTATGAGGATGTCAGCATCATAAATATTTACTGTCAAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_001278926

Insert Size: 1851 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_001278926.1](#)

RefSeq Size: 2216 bp

RefSeq ORF: 1851 bp

Locus ID: 23398

UniProt ID: [Q96BP3](#)

Cytogenetics: 5q12.3

MW: 70.3 kDa

Gene Summary:

PPlase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding (PubMed:20676357). May be involved in pre-mRNA splicing (PubMed:11991638).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) includes an alternate exon in the 5' region and uses a downstream start codon, compared to variant 1. It encodes isoform 2 which is shorter and has a distinct N-terminus, compared to isoform 1.