

Product datasheet for **SC100850**

PPWD1 (NM_015342) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPWD1 (NM_015342) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPWD1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_015342, the custom clone sequence may differ by one or more nucleotides

```

ATGGCGGCGGAAAGTGGTAGCGATTTTCAGCAGAGACGTAGAAGGCGCCGGGACCCGGAGGAACCGGAAA
AAACAGAACTCAGCGAAGAGAGCTGGCAGTAGCAGTGGCGGTGTCCCAGGAGAACGATGAGGAGAACGA
AGAGCGCTGGGTGGACCTTACCTGTGGAGGCAACACTGGCCAAGAAGAGGAAAGTCTTAGAGTTTGAA
AGAGTCTATCTTGATAATCTCCCAAGTGATCCATGTATGAGCGAGTTACATGCATAGAGATGTTATCA
CCCATGTGGTATGCACCAAAACAGATTTTATTATTACTGCCAGTCATGATGGACATGTCAAGTCTGGAA
AAAAATAGAAGAGGGAATTGAATTTGTTAAACATTTTCGTAGTCACCTGGGAGTTATTGAGAGTATTGCA
GTTAGCTCTGAGGGAGCATTGTTCTGTTCTGTGGGTGATGATAAAGCAATGAAGGTGTTTGTAGTGA
ACTTTGACATGATCAACATGCTGAAACTTGCTATTTTCTGGACAGTGTGAGTGGATCTATTGCCCAGG
GGATGCAATTTCTCAGTTGCTGCTCCGAAAAGAGTACAGGAAAAATTTTCATTTATGATGGCCGAGGA
GATAACCAGCCACTTCATATTTTGGACAACTCCATACATCACCTTACTCAGATACGGCTAAACCCAG
TTTACAAAGCAGTAGTGTCTTTCGACAACTCTGGGATGATTGAATACTGGACTGGGCCTCCTCATGAATA
TAAATTCACCAAAATGTGAAGTGGGAATATAAACTGACACTGATTTATATGAATTTGCCAAGTGAAG
GCTTATCCAACAGCGTATGTTTTTACCAGATGGGAAGAAAATAGCTACTATTGTTTCTGATAGAAAAG
TTAGAATTTTTCAGATTTGTAAGTGGAAAACCTCATGAGAGTCTTTGATGAATCACTAAGCATGTTTACTGA
ACTGCAACAGATGAGGCAACAGTTACCAGACATGGAAATTTGGCCGACGAATGGCTGTAGAACGTGAGTTG
GAGAAGGTTGATGCTGTAAGATTAATTAATATAGTTTTTGTGAAACTGGACACTTCGTGCTGTATGGAA
CAATGCTGGGCATTAAAGTTATAAATGTAGAGACAAACCGGTGTGTGCGGATTTTAGGCAAAACAAGAAA
TATTAGAGTGATGCAATTGGCTTTGTCCAGGGGATAGCCAAAAGCATCGTGTGCAACTACTATAGAA
ATGAAAGCTTCTGAAAATCCTGTCTTCCAGAATATTCAAGCTGACCAACAATAGTGTACATCATTCA
AAAAGAATAGATTTTATATGTTTTACCAAACGAGAACCAGAAGATACGAAAAGTGCAGATTTCTGATCGAGA
TGTTTTAATGAGAAACCTTCTAAAGAAGAAGTATGGCAGTACTCAAGCTGAAGGACCTAAACGAGTT
TCGGACAGTGCCATTATCCACACCAGCATGGGAGACATTCACACCAAACTTTTTCTGTTGAGTGCCCTA
AGACAGTGGAAAACCTTCTGTGTTACAGCAGAAAATGGTTATTATAATGGGCATACATTTACCCTATAAT
TAAGGGCTTTATGATTACAGACTGGAGATCCAACAGGACTGGTATGGGAGGAGAAAGCATATGGGGAGGA
GAATTTGAAGATGAATTTCAATCAACATTACGACATGACAGGCCATACACTCAGCATGGCTAACGCGG
GATCAAACTAATGGATCCAGTTTTTTCATAACGGTAGTACCAACGCCTTGGCTTGATAATAAGCATA
AGTATTTGGACGAGTGACTAAAGGAATGGAAGTTGTACAGAGGATCTCCAACGTCAAAGTCAATCCCAA
ACAGATAAGCCCTATGAGGATGTCAGCATCATAAATATTACTGTCAAGTAA
    
```

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_015342 unedited

```

TATACGACTCACTAAGGGCGCCGCGAACATTCGCACGAGGCGGCGGAAAGTGGTAGCGA
ATTTTCAGCAGAGACGTAGAAGGCGCCGGGACCCGGAGGAACCGGAAAAAACGAACTCA
GCGAAGAGAGCTGGCAGTAGCAGTGGCGGTGTCCAAGGAGAACGATGAGGAGAACGAAA
AGCGCTGGGTGGACCTTACCTGTGGAGGCAACACTTGGCCAAGAAGAGGAAAGTCTTA
GAGTTTAAAAGAAGTCTATCTTGATAATCTCCCAAGTGATCCATGTATGAGCGAGTTA
CATGCATAGAGATGTTATCACCCATGTGGTATGCACCAAAACAGATTTTATTATTACTGC
CAGTCATGATGGACATGTCAAGTTCGGAAAAAATAGAAGAGGGAATTGAATTTGTTAA
ACATTTTCGTAGTCACCTGGGAGTTATTGAGAGTATTGCAGTTAGCTCTGAGGGAGCATT
GTTCTGTTCTGTGGGTGATGATAAAGCAATGAAGGTGTTTGTAGTGAAGTGGTGGACAT
GATCAACATGCTGAAACTTGCTATTTTCTGGACAGTGTGAGTGGATCTATTGCCCAGG
GGATGCAATTTCTCAGTTGCTGCTCCGAAAAGAGACAGGAAAAATTTTCATTTATGAT
TAGGCTAAACCCAGTTAAAAGCAANAATTGTCTCTGACAATCTGGGATGATGATCTGGA
CTGGCCCTCTCATGATATAAATNCCAAAAATGTGAAGTGGATATAAACTGAACTGATTT
AATGAATTTGCAATGGTAGCTTATCAACAANGGTATGGTTTTACCAGTGGAGAAATATTC
TCTTTTGGTTTTAAAAAATAAATCTA
    
```

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_015342 unedited CCATTTTTGAAAAATAACCTTTTAAAAAACAAAATACTGTATCTTTGAAACATGATCT GTATATTCAGCAAGTCCTAAGCTTCCTAATGTAATAATCTGTTAATATTGATTTTT ATTTGCAAGTACATTAACAACTTTATTTTACTTGACAGTAATATTTATGATGCTGAC ATCCTCATAGGGCTTATCTGTTTGGGATTGACTTTGACGTTGGAGATCCTCTGTACAAC TTCCATTCCTTTAGTCACTCGTCCAAATACTGTATGCTTATTATCAAGCCAAGGCGTTGG TACTACCGTTATGAAAACTGGGATCCATTAGTATTTGATCCCAGGTTAGCCATGCTGAG TGTGTACGGCCTGTCATGTCGTAATGTTGAATGAAATTCATCTTCAAATTCTCTCCCA TATGCTTTCTCTCCCATACCAGTACCTGTTGGATCTCCAGTCTGAATCATAAAGCCCTT AATTATACGGTGAATGTATGCCATTATAATAACCATTCTGCTGTGAACACAGAAGTT TTCCACTGTCTTAGGGCACTCAACAGGAAAAAGTTTGGTGTGAATGTCTCCCATGCTGGT GTGGATAATGGCACTGTCCGAACTCGTTTAGGTCCTTCAGCTTGAGTAGCTGCCATGAC TTCTTCTTTAGAAGGTTTCTCATTAAAAACATCTCGATCAGAATCTGCACTTTTCGTATC TTCTGGTTCTCGTTTGGGAAACATATAAAATCTATTCTTTTTGAATGATGTACAGACTAT TGTTGGGTCAGCTTGAATATTCTGAAGAACAAGATTTTCAGAAGCTTTCATTTCTATAGT AGTTTGCAGCCCGATGCTTTTTGGCTATTCCTGAAACAAACCCATTGGATCACTTTT
Restriction Sites:	ECoRI-NOT
ACCN:	NM_015342
Insert Size:	2400 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:	<ol style="list-style-type: none"> 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:	<u>NM_015342.1</u> , <u>NP_056157.1</u>
RefSeq Size:	2110 bp
RefSeq ORF:	1941 bp
Locus ID:	23398
UniProt ID:	<u>Q96BP3</u>
Cytogenetics:	5q12.3

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 (1) encodes the longest isoform (1).