

Product datasheet for **SC336419**

PPWD1 (NM_001278929) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPWD1 (NM_001278929) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPWD1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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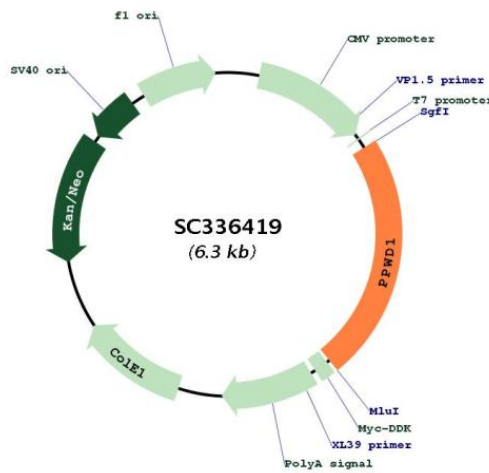
Fully Sequenced ORF: >SC336419 representing NM_001278929.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAAGGTGTTTATGATGTAGTGAACCTTTGACATGATCAACATGCTGAAACTTGGCTATTTTCTGGACAG
TGTGAGTGGACTATTGCCAGGGGATGCAATTTCTTCAGTTGCTGCTCCGAAAAGAGTACAGGAAAA
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ATGGCAGCTACTCAAGCTGAAGGACCTAAACGAGTTTCGGACAGTGCCATTATCCACACCAGCATGGGA
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ACAGGTACTGGTATGGGAGGAGAAAGCATAATGGGGAGGAGAATTTGAAGATGAATTTTCATCAACATTA
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ATCATAAATATTACTGTCAAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001278929

Insert Size: 1473 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:	NM_001278929.1
RefSeq Size:	2076 bp
RefSeq ORF:	1473 bp
Locus ID:	23398
UniProt ID:	Q96BP3
Cytogenetics:	5q12.3
MW:	55.7 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) lacks an exon in the 5' region and uses a downstream start codon, compared to variant 1. It encodes isoform 4 which has a shorter N-terminus compared to isoform 1.</p>