

## Product datasheet for SC115699

### PWP1 (NM\_007062) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PWP1 (NM_007062) Human Untagged Clone
Tag:	Tag Free
Symbol:	PWP1
Synonyms:	IEF-SSP-9502
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_007062, the custom clone sequence may differ by one or more nucleotides

```

ATGAACCGCAGCCGCCAGGTGACGTGCGTGGCCTGGGTCCGCTGCGGCGTGGCCAAAGAGACACCAGACA
AGGTAGAGCTGAGTAAAGAAGAAGTAAAACGCCTCATTGCTGAGGCAAAGGAGAAAATTGCAAGAAGAAGG
TGGTGGCAGTGATGAAGAGGAGACAGGCAGTCCTCAGAAGATGGCATGCAGAGTGCACGCCACCCAGGCA
CGCCCAAGAGAGCCCTGGAGGATGGTGACCCAGAGGATGACAGGACGCTTGATGATGATGAGCTGGCTG
AGTACGACTTAGATAAAATGATGAGGAAGGTGACCCAGATGCTGAGACTCTTGGTGAATCTCTCTGGG
TCTTACGGTCTACGGGAGTAATGATCAAGATCCTTACGTTACTCTGAAAGATACAGAACAATATGAACGT
GAAGATTTCTTGATTAAGCCAGTGATAATCTTATAGTTTGTGGCCGAGCTGAACAGGACCAGTGAATT
TAGAGGTGCATGTTTATAATCAAGAAGAAGACTCTTTTTATGTACACCATGATATACTCTTGCTGCATA
TCCTCTGAGTGTGGAATGGCTGAATTTTGATCCTAGCCAGATGATTCTACTGGAATTACATTGCTGTA
GGAAACATGACCCCTGTTATTGAAGTGTGGGACCTTGATATAGTGGACTCTTTAGAGCCAGTCTTCACAC
TCGGAAGTAACTTTCAAAAAAGAAGAAAAAGAAAGAAAGAGTTTCTCAGCAGAAGGGCATAACCGA
TGCTGTCTTGACCTTTCATGGAATAAGCTAATCAGAAATGTTTTAGCAAGTGCATCAGCTGACAACACT
GTAATTCGTGGGATATGTCCTTGGGAAACCAGCAGCTAGCCTCGTGTACACAGACAAGGTCCAAA
CACTGCAGTTTCATCCATTTGAAGCACAGACTCTGATTTCTGGCTCATATGATAAGTCAGTGGCTTTGTA
TGACTGCCGAAGTCCAGATGAAAGCCATCGAATGTGGCGATTGAGTGGCAGATAGAGAGAGTACTGG
AATCACTTTTACCTTGTCAATTTCTGGCCAGTACAGATGACGGCTTTGTATATAAATTTGGATGCAGTT
CAGATAAGCCAATTTTTACACTTAATGCACACAATGATGAAATCTCTGGTCTTGATCTTAGCAGTCAAAT
CAAGGGCTGTCTCGTACTGCTCAGCTGACAAAACGTAAGATCTGGGACATCTTAGGAGATAGGCCA
AGTCTAGTTTCTAGGGACATGAAAATGGGAGTTCTCTTCTGTTCTTCATGTTGCCCTGATTTGCCAT
TTATTTATGCCTTTGGAGGTCAAAAAGAAGGGCTTCGGGTCTGGGATATAAGCACAGTCTCTTCAGTAAA
TGAAGCATTTGGAAGACGAGAGAGGCTTGTCTTGGGAGTGCAAGAAATTCATCTATTAGTGCCCTTTT
GGCAGCAGGAGCTCAGATACACCATGGAGTCTTAA

```



[View online »](#)

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_007062 unedited  TTTTGTAATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGGCGTGTGGCAGCA  GTGCGGTCTGGTCCCTCCCTATGCAGCCTGGTTTCTAGCGTGACACGCCCTTGACTTGA  GGACCATGAACCCGAGCCGCCAGGTGACGTGCGTGGCCTGGTCCGCTGCGGCCTGGCCA  AAGAGACACCAGACAAGGTAGAGCTGAGTAAAGAAGAAGTAAAACGCCTCATTGCTGAGG  CAAAGGAGAAAATTGCAAGAAGAAGTGGTGGCAGTGATGAAGAGGAGACAGGCAGTCCTT  CAGAAGATGGCATGCAGAGTGCACGCACCCAGGCACGCCCAAGAGAGCCCTGGAGGATG  GTGACCCAGAGGATGACAGGACGCTTGATGATGATGAGCTGGCTGAGTACGACTTAGATA  AATATGATGAGGAAGGTGACCCAGATGCTGAGACTCTTGGTGAATCTCTCTTGGGTCTTA  CGGTCTACGGGAGTAATGATCAAGATCCTTACGTTACTCTGAAAGATACAGAACAATATG  AACGTGAAGATTTCTTGATTAAGCCAGTGATAATCTTATAGTTTGTGGCCGAGCTGAAC  AGGACCAGTGCAATTTAGAGGTGCATGTTATAATCAAGAAGAAGACTCTTNTATGTAC  ACCATGATATACTCTGTCTGCATATCCTCTGAGTGTGGAATGGTGAATTTTGATCCTA  GCCAGATGATTCTACTGGAATTACATTGCTGTANGAAACATGACCCCTGTTATTGAAGT  GGGGACCTTGATATAGTGGACTCTTANAGCCAGTCTTACACTCGGNAAGTAACCTTT  CAAAGAAGAAANAGAAGGAAAGAAGAGTTCCTCACAGAAGGGCTACCGATGCTGTCCTT  GACCTTCATGGNATAGCTATCANAAATGTNTACN</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_007062 unedited  ACCGCGGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTACTTTTTAAAAATCCTT  TTTATTACTCTTTTTAAGAAATGCAACAAGAGCCTTACAAACCATCCATCTGAAGAGCA  AGCACAAAGACCGGATATTTGTGGTGCCACCGCAGTTCAGAAAAGGAATGTCAGTCAGAA  ATGAATTTGTGTTTCAGTCACTCTGCATGGTTGCTGCCACGCATGGAACATTTTTAGGCCA  ACTTTTTAAAATCCCAGTTAAGGTAAGCAGGAAATTAGATGATCTTCATTAAGACTCCA  TGGGTGTATCTGAGCTCCTGCTGCCAAAAGGGCCACTAATAGATGAATTTCTTGACTCC  CAAGAACAAGCCTCTCTCGTCTTCCAAATGCTTCACTTACTGAAGAGACTGTGCTTATAT  CCCAGACCCGAAGCCCTTTTTTTGACCTCCAAAGGCATAAATAAATGGCAAATCAGGGC  AACATGAACAACAAAACAGAACTCCCCATTTTATGTCCCTAGAATGAACTAGACTTGCC  TATTTCCATAACATGTCCATATCTCCGCTTTTGCCCGTTGAACATTTACCAAACATCTCT  TGACTCCATTGCTAAAACAAAACCGTAATTTCTCATTGCGCCCTTATCGCCAAACCCGG  TCTCACCCGACGTTTTTTCCTTCTCTTACCCCCATTCTCCGCTCGCCTAATATACTCC  CGTTTTTATTTTCTCTCCTTGTCTCTTTTCCGCCCCCTCATCATATCCTATTGCGTT  TCCTTCTACTGTCTTCTTCTCCTCGCTCCTCCGCGCTCCTATCTCCTTTGCTTCTT  GATTCTTTTCTCATACTATACTTTTCTCTGCCGCTCCCTCTTGCTCTCGCGCTTTTTCT  CATCCTTTTCCACCTTCCCTCCCTTG</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_007062
<b>Insert Size:</b>	1900 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_007062.1](#), [NP\\_008993.1](#)

**RefSeq Size:** 1853 bp

**RefSeq ORF:** 1506 bp

**Locus ID:** 11137

**UniProt ID:** [Q13610](#)

**Cytogenetics:** 12q23.3

**Domains:** WD40

**Protein Families:** Transcription Factors

**Gene Summary:** The protein encoded by this gene contains several WD-40 repeats and is found mostly in the nucleus. The expression and localization of this protein are cell cycle dependent. Expression of this gene is upregulated in pancreatic adenocarcinoma. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2015]  
Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.