

Product datasheet for **SC320620**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_007062.1
GATCCCTGAGCGTGTGGCAGCAGTGCAGGTCGTGGTCCCTCCCTATGCAGCCTGGTTTCTA
GCGTGACACGCCCTTGACTTGAGGACCATGAACCGCAGCCGCCAGGTGACGTGCGTGGCC
TGGGTCCGCTGCGGCGTGGCCAAAGAGACACCAGACAAGGTAGAGCTGAGTAAAGAAGAA
GTAAAACGCCCTCATTGCTGAGGCAAAGGAGAAAATTGCAAGAAGAAGGTGGTGGCAGTGAT
GAAGAGGAGACAGGCAGTCCCTTCAGAAGATGGCATGCAGAGTGCACGCACCCAGGCACGC
CCAAGAGAGCCCTGGAGGATGGTGACCCAGAGGATGACAGGACGCTTGATGATGATGAG
CTGGCTGAGTACGACTTAGATAAATATGATGAGGAAGGTGACCCAGATGCTGAGACTCTT
GGTGAATCTCTCTGGGTCTACGGTCTACGGGAGTAATGATCAAGATCCTTACGTACT
CTGAAAGATACAGAACAATATGAACGTGAAGATTTCTTGATTAAGCCAGTGATAATCTT
ATAGTTTGTGGCCGAGCTGAACAGGACCAGTGCAATTTAGACGTGCATGTTTATAATCAA
GAAGAAGACTCTTTTTATGTACACCATGATATACTCTTGCTGCATATCCTCTGAGTGTG
GAATGGCTGAATTTTATGCTAGCCAGATGATTCTACTGAAAATTACATTGCTGTAGGA
AACATGACCCCTGTTATTGAAGTGTGGACCTTGATATAGTGGACTCTTTAGAGCCAGTC
TTCACACTCGGAAGTAACTTTCAAAAAGAAGAAAAGAAAAGAAAAGAAAGAGTTCTCA
GCAGAAGGGCATACCGATGCTGTCTTGACCTTCATGGAATAAGCTAATCAGAAATGTT
TTAGCAAGTGCATCAGCTGACAACACTGTAAATCTGTGGGATATGTCTTGGGAAACCA
GCAGCTAGCCTCGCTGTACACACAGACAAGGTCCAACACTGCAGTTTCATCCATTTGAA
GCACAGACTCTGATTTCTGGCTCATATGATAAGTCAGTGGCTTTGTATGACTGCCGAAGT
CCAGATGAAAGCCATCGAATGTGGCGATTTCAGTGGCAGATAGAGAGAGTACTTGGAA
CACTTTTACCTTGTCAATTTCTTGGCCAGTACAGATGACGGCTTTGTATATAATTTGGAT
GCACGTTTACAGTAAAGCAATTTTACACTTAATGCACACAATGATGAAATCTCTGGTCTT
GATCTTAGCAGTCAAATCAAGGGCTGTCTCGTGACTGCTTCAGCTGACAAATACGTGAAG
ATCTGGGACATCTTAGGAGATAGGCCAAGTCTAGTTCATTCTAGGGACATGAAAATGGGA
GTTCTCTTCTGTTCTTCAATGTTGCCCTGATTTGCCATTTATTTATGCCCTTCGAGGTCAA
AAAGAAGGGCTTCGGGTCTGGGATATAAGCACAGTCTCTTCAGTAAATGAAGCATTGGA
AGACGAGAGAGGCTTGTCTTGGGAGTGAAGAAATTCATCTATTAGTGGCCCTTTTGGC
AGCAGGAGCTCAGATACCCATGGAGTCTTAATGAAGATCATCTAATTTCTGCTTACC
TTAACTGGGAATTTTAAAAAGTTGGCCTAAAAATGTTCCATGCGTGGCAGCAACCATGCA
GAGTGACTGAAACACAATTCATTTCTGACTGACATTCCTTTCTGCAACTGCGGTGGCACC
ACAAATATCCGGTCTTTGTGCTTCTCAGATGGATGTTTGAAGGCTCTTGTGCA
TTTCTTAAAAAGAGTAATAAAAAGGATTTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_007062

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_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.