

Product datasheet for **SC112699**

WWP1 (NM_007013) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WWP1 (NM_007013) Human Untagged Clone
Tag:	Tag Free
Symbol:	WWP1
Synonyms:	AIP5; hSDRP1; Tiul1
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_007013, the custom clone sequence may differ by one or more nucleotides

```
ATGGCCACTGCTTACCAAGGTCTGATACTAGTAATAACCCACAGTGAAGGTTGCAGTTACAGGTAAGT
TTTCTAGTGCCAACTTAAAAGAAAAAGAACTGGTTCGGAACAGCAATATATACAGAAGTAGTTGTAGA
TGGAGAAATTACGAAAACAGCAAAATCCAGTAGTTCTTCTAATCCAAAATGGGATGAACAGCTAAGTGA
AATGTTACGCCACAGACTACATTGGAATTTCAAGTTGGAGCCATCGCACTTTAAAAGCAGATGCTTTAT
TAGGAAAAGCAACGATAGATTTGAAACAAGCTCTGTTGATACACAATAGAAAATTGGAAAGAGTGAAAGA
ACAATTAACCTTTCCTTGGAAAACAAGATGGCATAGCACAACTGGTGAATTGACAGTTGTGCTTGAT
GGATTGGTGATTGAGCAAGAAAAATAACAACCTGCAGCTCATCTCCAACCATAGAAATACAGGAAAATG
GTGATGCCTTACATGAAAATGGAGAGCCTTCAGCAAGGACAACCTGCCAGGTTGGCTGTTGAAGGCACGAA
TGGAAATAGATAATCATGTACCTACAAGCACTCTAGTCCAAAACCTCATGCTGCTCGTATGTAGTTAATGGA
GACAACACACCTTCATCTCCGTCTCAGGTTGCTGCCAGACCCAAAATACACCAGCTCCAAAACCACTCG
CATCTGAGCCTGCCGATGACACTGTTAATGGAGAATCATCCTCATTTGCCAACCTGATAATGCGTCTGT
CACGGGACTCCAGTAGTGTCTGAAGAAAATGCCTTGTCTCCAAATTGCACTAGTACTACTGTTGAAGAT
CCTCCAGTTCAAGAAAATCTGACTTCTCAGAAAACAATGAATGTATTCCTTCTACCAGTGCAGAATTGG
AATCTGAAGCTAGAAGTATATTAGAGCCTGACACCTCTAATTCTAGAAGTAGTTCTGCTTTTGAAGCAGC
CAAATCAAGACAGCCAGATGGGTGTATGGATCCTGTACGGCAGCAGTCTGGGAATGCCAACACAGAAACC
TTGCCATCAGGGTGGGAACAAAGAAAAGATCCTCATGGTAGAACCTATTATGTGGATCATAATACTCGAA
CTACCACATGGGAGAGACCACAACCTTTACCTCCAGGTTGGGAAAGAAGAGTTGATGATCGTAGAAGAGT
TTATTATGTGGATCATAACACCAGAACAACAACGTGGCAGCGGCTACCATGGAATCTGTCCGAAATTTT
GAACAGTGGCAATCTCAGCGGAACCAATTGCAGGGAGCTATGCAACAGTTAACCACGATAACCTCTATT
CGGCTTCAATGTTAGCTGCAGAAAATGACCCCTTATGGACCTTTGCCACCAGGCTGGGAAAAAAGAGTGGA
TTCAACAGACAGGGTTTACTTTGTGAATCATAACACAAAAACAACCCAGTGGGAAGATCCAGAAGTCAA
GGCTTACAGAATGAAGAACCCTGCCAGAAGGCTGGGAAATTAGATATACTCGTGAAGGTGAAGTACT
TTGTTGATCATAACACAAGAACAACAACATTCAAAGATCCTCGCAATGGGAAGTCATCTGTAACATAAGG
TGGTCCACAAATTGCTTATGAACGCGGCTTTAGGTGGAAGCTTGCTCACTCCGTTATTTGTGCCAGTCT
AATGCACTACCTAGTCATGTAAGATCAATGTGTCCCGGCAGACATTGTTGAAGATTCTTCCAACAGA
TTATGGCATTAAAACCTATGACTTGAGGAGGCGCTTATATGTAATTTTAGAGGAGAAGAAGGACTTGA
TTATGGTGGCCTAGCGAGAGAATGGTTTTTCTGCTTTCACATGAAGTTTGAACCAATGTATTGCTTA
TTTGAGTATGCGGGCAAGAACAACCTATTGTCTGCAGATAAATCCAGCATCAACCATTAATCCAGACCATC
TTTCATACTTCTGTTTCATTGGTCGTTTTATTGCCATGGCACTATTTTCATGGAAAGTTTATCGTACTGG
TTTCTCTTACCATTCTACAAGCGTATGTTAAGTAAAAAATTAATTAAGGATTTGGAATCTATTGAT
ACTGAATTTTATAACTCCCTTATCTGGATAAGAGATAACAACATTGAAGAATGTGGCTTAGAAATGTACT
TTTCTGTTGACATGGAGATTTTGGGAAAAGTACTTCACATGACCTGAAGTTGGGAGGTTCCAATATTCT
GGTGACTGAGGAGAACAAGATGAATATATTGGTTAATGACAGAATGGCGTTTTCTCGAGGAGTACAA
GAACAGACCAAAGCTTTCCTTGATGGTTTTAATGAAGTTGTTCTCTTCAGTGGCTACAGTACTTCGATG
AAAAAGAATTAGAGGTTATGTTGTGTGGCATGCAGGAGTTGACTTGGCAGATTGGCAGAGAAACTACTGT
TTATCGACATTATACAAGAAACAGCAAGCAATCATTGGTTTTGGCAGTTTGTGAAAGAGACAGACAAT
GAAGTAAGAATGCGACTATTGCAGTTCGCTCACTGGAACCTGCCGTTTACCTCTAGGAGGATTTGCTGAGC
TCATGGGAAGTAATGGGCTCAAAGTTTTGCATTGAAAAAGTTGGCAAAGACACTTGGTTACCAAGAAG
CCATACATGTTTTAATCGCTTGATCTACCACCATATAAGAGTTATGAACAACCTAAAGGAAAAAATCTT
TTTGCAATAGAAGAGACAGAGGGATTTGGACAAGAATGA
```

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_007013 unedited
 GGTCAACATTTTGAATACGACCTCACTATAGGGCGGCCCGGATTTCGGCACGAGGGTTC
 CGAGTGGCTGCTGGCGGCTGGGCTGCCGGGGCCGACGCCTGGGTGGCTGCTGCCGCCG
 GCCTGCTGCGAGATGGCGATCTTGGCGCGGAAGGGTGAAGGGCGCCCGCCGAGGAGGAG
 GTGCCGCTGCCGTGGCCGCCGGCTGCCGGGAGCCGACAGCTTCGCGCCGGGGTTGTCTC
 CTCACAGACTATGAGCTCCTTGAAGAGGGAATCGTGTCTTACTCATCTTTGTATCCCA
 GTGTCTAGCAGTTCCTGATACATAGTTTTAGCTGAATTTTGGGACATGGCCACTGCTTCA
 CCAAGGTCTGATACTAGTAATAACCACAGTGGAAGGTTGCAATTACAGGTAAGTGTCT
 AGTGCCAAACTTAAAAGAAAAAGAACTGGTTCGGAACAGCAATATATACAGAAGTAGTT
 GTAGATGGAGAAATTACGAAAACAGAAAATCCAGTAGTCTTCTAATCCAAAATGGGAT
 GAACAGCTAACTGTAATGTTACGCCACAGACTACATTGGAATTTCAAGTTTGGAGCCAT
 CGCACTTTAAAAGCAGATGCTNTATTAGGAAAAGCAACGATAGATTTGAAACAAGCTCTG
 TTGATACACAATAGAANATTGAAAAGAGTGAAAGAACANTTAAAACCTTTCCTTGGAAAAC
 AAGAATGGCATAGCACANACTGGGTGAATGACAGTTGTGCTTGATGGATTGGTGATTGAG
 CAAGAAAATATACAAACGCAGCTCATCTCCACCAAAAATACAGGAAAATGGTGATGCCT
 TACATGAAAATGGAGAGCCTTACCAGGGACACTGCCAGNTNGNCTGTTGAGCCCGAAT
 GGATAGTAATCATGACCTACAGCCCTT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_007013 unedited
 CAATCTAGTGTGAGTTTTTTTTTTTTTTTTTCTGGCTATTAAGTTAAAGTTAA
 TGAATTTACAGTGCATATTAAGCATGATACAAATGGAATTTAAAATTTGTATTAG
 GAAGCCAGTTTGTCTAAAAGTAGCATTAAATCATTACATCAGATTTTAAATTTGTACA
 CATTTTTGTAGTTTCAGCAAAGGCCCTATGATGAAAACAATTAAGTTATGACAA
 AAATAATTATCTGTGTAAGGGGGAGACCCAAAAGATTTTTCATATGGTTATTTAATT
 CAGTTAAATAGAAGTGTATGAATTTGAGAGGAATGAAGATTTCAAACACTAACAGAAA
 ATCATTAGCCTTATATTAGAGCATTCAAATGCTTATGTAACCTTCAATCCATCTGGCTT
 CATAAAAACAAAATTTGAACACAAAAAGTGGCAGAGTTTACATTACCTTTTGTATGT
 TCCTAAGTATGAAATGCATCAATTTATATGAATTAATTTGAAAAGCATCACAGATTT
 AAAACAAAGTACAAAAGAGCCTGATTCTTTTAAATCCACAAAACCTAGCATCTCAA
 GTAACATGTAAACAACTTCTATGCTGCTCAATGAATCCTTCCAATTTTATAATAAACTA
 AATAGTATTGGATCTAGTATATGACCTTCAATGTGTAAGTATGGTTCTATCCATTACTTTA
 ACATTATTACTGATGTAACAGAGAANAATTTTACCTATGGGATCTATTTAAAACAAGT
 ACAAGTCAGCACCTGTCTTAGAAAGCCAGCAGCATTTTTTTTTTACATCCTCAAGTAAG
 ATTGGCCTAAGCCCTTATACCTTTTACAGCCTGCACTATACACCTTAGAAATGTTTATA
 AGGAGAGAAGACATTAGCACTTGCCTTTTCCCTAGAAATATAACAAGTAAGCAATCCCA
 TCTTTGATGATGGCTGCTGTTATACCTTGGCTTTAAAT

Restriction Sites:

NotI-NotI

ACCN:

NM_007013

Insert Size:

4000 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in *E. coli* are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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_007013.3](#), [NP_008944.1](#)

RefSeq Size: 4120 bp

RefSeq ORF: 2769 bp

Locus ID: 11059

UniProt ID: [Q9H0M0](#)

Cytogenetics: 8q21.3

Domains: C2, HECT, WW

Protein Families: Transcription Factors

Protein Pathways: Endocytosis, Ubiquitin mediated proteolysis

Gene Summary: WW domain-containing proteins are found in all eukaryotes and play an important role in the regulation of a wide variety of cellular functions such as protein degradation, transcription, and RNA splicing. This gene encodes a protein which contains 4 tandem WW domains and a HECT (homologous to the E6-associated protein carboxyl terminus) domain. The encoded protein belongs to a family of NEDD4-like proteins, which are E3 ubiquitin-ligase molecules and regulate key trafficking decisions, including targeting of proteins to proteosomes or lysosomes. Alternative splicing of this gene generates at least 6 transcript variants; however, the full length nature of these transcripts has not been defined. [provided by RefSeq, Jul 2008]