

Product datasheet for **SC332946**

WWP2 (NM_001270455) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: WWP2 (NM_001270455) Human Untagged Clone
Tag: Tag Free
Symbol: WWP2
Synonyms: AIP2; WWp2-like
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332946 representing NM_001270455.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCATCTGCCAGTCTAGCCGGGCAGGAGTGGCCCTGCCTTTTGAGAAGTCTCAGCTCACTTTGAAA
GTGGTGTCCGCAAAGCCCAAGGTGCATAATCGTCAACCTCGAATTAACCTACGTGGAGGTGGCGGTG
GATGGACTCCCCAGTGAGACCAAGAAGACTGGGAAGCGCATTGGGAGCTCTGAGCTTCTCTGGAATGAG
ATCATCATTTTGAATGTCACGGCACAGAGTCATTTAGATTTAAAGGTCTGGAGCTGCCATACCTTGAGA
AATGAAGTCTAGGCACCGCATCTGTCAACCTCTCCAACGTCTTGAAGAACAATGGGGGCAAAATGGAG
AACATGCAGCTGACCCTGAACCTGCAGACGGAGAACAAGGCAGGTTGTCTCAGCGGAGAGCTGACA
ATTTTCCTGGACGGCCAACCTGTTGATCTGGGAAATGTGCCTAATGGCAGTGCCCTGACAGATGGATCA
CAGCTGCCTTCGAGAGACTCCAGTGGAACAGCAGTAGCTCCAGAGAACCAGGACCCAGCCCCAGCACA
AACTGCTTTGGTGAAGATCCCAGGACGCACAGACATTCGGGTGCTTCAGCCAGAACAACCCAGCAACC
GGCGAGCAAAGCCCCGGTGTCTGGAGCCGGCACCAGCCAGCCCGTCAAGAAGTCCAGCCACAGTGGCTTG
GCCAATGGCACAGTGAATGATGAACCCACAACAGCCACTGATCCCGAAGAACCTTCCGTTGTTGGTGTG
ACGTCCCCACCTGCTGCACCCTTGAGTGTGACCCCGAATCCCAACACGACTTCTCTCCCTGCCCCAGCC
ACACCGGCTGAAGGAGAGGAACCCAGCACTTCGGGTACACAGCAGCTCCAGCGGCTGCCAGGCCCCC
GACGCTCTGCCTGCTGGATGGGAACAGCGAGAGCTGCCCAACGGACGTGTCTATTATGTTGACCACAAT
ACCAAGACCACCCTGGGAGCGGCCCTTCTCCAGGGTAG
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001270455
Insert Size: 1008 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).



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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_001270455.1](#)

RefSeq Size: 2682 bp

RefSeq ORF: 1008 bp

Locus ID: 11060

UniProt ID: [O00308](#)

Cytogenetics: 16q22.1

Protein Families: Druggable Genome

Protein Pathways: Ubiquitin mediated proteolysis

MW: 35.2 kDa

Gene Summary: This gene encodes a member of the Nedd4 family of E3 ligases, which play an important role in protein ubiquitination. The encoded protein contains four WW domains and may play a role in multiple processes including chondrogenesis and the regulation of oncogenic signaling pathways via interactions with Smad proteins and the tumor suppressor PTEN. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 10. [provided by RefSeq, Jul 2012]

Transcript Variant: This variant (6) differs in the 3' UTR, compared to variant 1. The encoded isoform (WWP2-N) has a shorter C-terminus, compared to 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.