

## Product datasheet for **SC108537**

### **PWP2H (PWP2) (NM\_005049) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	PWP2H (PWP2) (NM_005049) Human Untagged Clone
Tag:	Tag Free
Symbol:	PWP2H
Synonyms:	EHOC-17; PWP2H; UTP1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC108537 sequence for NM\_005049 edited (data generated by NextGen Sequencing)

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ATGAAGTTCGCTTACCGGTTTTCAAATTTGCTGGGTACGGTGTACCGGCGTGGGAACCTA
AATTTTACCTGCGATGGAAATTCAGTTATCAGTCCCCTGGGCAATAGAGTCACTGTATTT
GACCTTAAAAACAACAACTGACACGCTGCCCTGGCCACTCGGTACAACGTCAAGTGC
GTGGGGCTGTCCCGGATGGCCGCTCGCTATCATCGTCGATGAAGGGGGCGATGCGCTG
CTGGTCAGCCTGGTCTGCAGGTCTGTGCTGCACCACTTCCACTTCAAGGGCTCTGTGCAC
AGTGTGTCCTTCTCCCCTGATGGCAGGAAGTTTGTGTCACAAAGGGTAACATTGCCAG
ATGTATCATGCCCTGGGAAGAAGCGGGAGTTCAACGCCTTCGTTCTGGACAAGACCTAT
TTTGGGCCCTACGATGAGACCACCTGCATCGACTGGACGGATGACTCCAGGTGCTTTGTG
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TACTATGCACTGGGGGACATAAGGATGCCATCGTGGCCTGCTTCTTTGAATCCAACAGC
CTGGACCTGTACTCACTCAGCCAGGACGGAGTGTGTGCATGTGGCAGTGTGACACGCC
CCCAGGGCTTGGGCTGAAGCCCCCTGCGGGCTGGAAAGCAGACCTGTTGCAGCGGGAG
GAGGAAGAGGAGGAGGAGGAGGACCAGGAGGGGACAGAGAGACCACCATCCGGGAAAA
GCCACTCCGGCCGAGGAGGAGAAGACAGGAAAAGTGAAGTACTCACGGCTGGCCAAGTAC
TTCTTCAATAAAGAAGGGGATTTAACAACCTGCAGCTGCAGCATTTTATAAGAAGTCT
CACCTCTTGGTCACTGGCTTTGCTTCTGGAATCTTCCATCTTATGAGCTGCCAGAGTTT
AACCTCATCCACTCCCTGAGCATTTTCAAGTACAGAGCATCGCCTCAGTGGCCATCAATAGC
TCGGGGGACTGGATTGCTTTTGGCTGTTTACGGCCTGGGCCAGCTGCTGGTGTGGGAGTGG
CAGAGTGAAGTCTACGTGCTCAAGCAGCAGGGCCACTTCAACAGCATGGTGGCCCTGGCC
TACTCGCCCGACGGACAGTACATCGTACTGGCGGGGACGACGCAAGGTCAAGGTGTGG
AACACCCTCAGCGCTTCTGCTTCTGCTTCTTACGGAGCACTCCAGCGGGGTGACCGGT
GTGACCTTTACTGCCACCGGCTACGTTGTGGTGACCTCATCCATGGACGGGACCGTGCGA
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CACGCGGCAAGGGGAAGGCCTTACCAGCCTGTGCTACTCTGCAGACGGCCACAGCATC
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AGAAAAATGACAGAGTTTGGCAACCTGGCACTAATTGATCAGGATGCTGGGCAGGAGGAT
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CTCTGGACTCACAACTGCTCATGTTGCACGGACAGAAGCTGAAGTCCAGAGCCGGGACG
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AAACTCTGTAGCTGGAACCACTATAACATGCAGTACGCACTAGCAGTTTCCAAGCAGCGG
GGCACAACCGCTCCCTAGACCCGCTGGGAAGTGAGGAGGAGGCAAGCATCTGAAGAT
GACAGCCTGCATCTGCTTGGAGGAGGAGGACAGACTCAGAAGAAGAGATGCTGGCCTAG
    
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Clone variation with respect to NM\_005049.2

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_005049 unedited  GGTGGCGGGATATGTCCCACGATTTACTATAGGGCGGCCCGGATTTCGGCACGCAGGCCG  CCGGGTTGAGCTGCGGCACACGTGCGACGGCCGTGATGAAGTTCGCTTACCGGTTTTCAA  ATTTGCTGGGTACGGTGTACCGCGTGGGAACCTAAATTTTACCTGCGATGGAATTCAG  TTATCAGTCCCCTGGGCAATAGAGTCACTGTATTTGACCTTAAAAACAACAAATCTGACA  CGCTGCCCTGGCCACTCGGTACAACGTCAAGTGCCTGGGGCTGCCCGGATGGCCGCC  TCGCTATCATCGTCGATGAAGGGGCGATGCGCTGCTGGTCAGCCTGGTCTGCAGGCTG  TGCTGCACCACTTCCACTTCAAGGGCTCTGTGCACAGTGTGCCTTCTCCCTGATGGCA  GGAAGTTTGTGTGACAAAGGGTAACATTGCCAGATGTATCATGCCCTGGGAAGAAGC  GGGAGTTCAACGCCTTCGTTCTGGACAAGACCTATTTGGGCCCTACGATGAGACCACCT  GCATCGACTGGACGGATGACTCCAGGTGCTTTGTGGTGGGAGCAAGACATGTCCACCC  TGGGTGCTCGGAGCCGAGCGCTGGGACAACCTCATCTACTATGCACTGGGGGACATAA  TGATGCCATCCGTGGCCCGCTTTTGGATTCCACAGGCTGGACCTGTTTCTCACTACC  AGGACGGAGTGTGTGCATGTGGCAGTGTGACACGCCCTCGAGGGCTTGTGGGTGAAG  CCCCCTGTCGGCTGGGAAGCATACTGTCCAGTGGTAGGTAGAACATGAGCCAGCGGAG  GCTCCGGTGGGCGAACGAAACACCACCTCCGGGGAAAAACCACTCCGCCCGGCGCGCAA  ACACCGTACAGGTTACTTCTCCGCCCGCCAGCCCTCTATAACAA</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_005049 unedited  NTTATCCTGAACCCGNCGCAATCTANGATCGGTTTTTTTTTTTTTTTTTTTTCACGTTAGA  AAACTCCATCTTTTTTAAATCCCTAAGTCTTTTATCAAACCTTTATGTTAAAGATATAA  ATAAGTCTCATACAAAGTTCATGTGAATACCTCTCTGAGACGCATTTTCAACATTCATCA  CGGTTACACGCCCCGCTCCTGGGGCCAGGTGCCAGTGGCGGCCCTGGCGTGAC  CCGTCCGCTCGCTGTCCTGATGGGCTACATGTGTGCACAGGAAAAGCAAGTCACTACCAC  TAGTGACAGTATTTAGCTGTTCTCTGGACCCCTCCTCTTTGCTGGCCAGGTGGCAAA  GGGTCCCATCTCCCTGGCAGGTCTTATCCGGCACAATCCAACGCTGTACCGGCTGGCTC  TAGGCCAGCATCTCTTCTGAGTCTCTGCCTCCTCCTCAAGCAGATGAGGCTGTCA  TCTTCAGATGCCTTCTGCCTCCTCCGACCTCCCACTGCGTCTAGGGAGCCGTTTGGCCC  CCCCCTCCGGAATTGCCTATTCTCTGCACCTAATCCGCGCACTCCCTTCCCAAGT  CGCGGCGCCCTCAAGCAGCACATTCGTGCTCTCCCAGTTGTATCGCCGTGATCGGCCA  TCACCCCGCCTGCTCCCTACCTGCCTCTTCTGATCTCGCCTCCCTGAGCCCTAGTTC  CGCCGCCCTCTCCGCGTCTCTTTATAGTGTCCCCTACAGCTCTCTCTCGCTTCCGCGCT  CGCTTGCCGCCCTCAGTCCCGTACTCCCCCTCCATCTAGTGACCTATGCCGCCACCA  CTGCCGAACGCCCTCCCCACCTCGCTCGCCGACCCACGTTAGTTCGGTGTAGCGAGTCC  TTGTCACGTTCTTGTATTCNTGCGGCTGTCTCGCCTTGCTGCTCCATTCCACCC  CATCGTCCCG</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_005049
<b>Insert Size:</b>	3520 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\\_005049.2](#), [NP\\_005040.2](#)

**RefSeq Size:** 3277 bp

**RefSeq ORF:** 2760 bp

**Locus ID:** 5822

**UniProt ID:** [Q15269](#)

**Cytogenetics:** 21q22.3

**Domains:** WD40, PWP2