

Product datasheet for **MC222605**

Pwp2 (NM_029546) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pwp2 (NM_029546) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pwp2
Synonyms:	6530411D08Rik; Pwp2h; wdp103
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222605 representing NM_029546
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAATTCGCTTACCGTTCTCGAATTTGTTGGGTACGGTTTATCGGTGTGAAACTTAAATTTACAC
 ATGATGAAATTCGTTATCAGCCCGTGGGAAATAGAGTCACTGTGTTGACCTTAAGAACAACAGATC
 CAACACATTGCCTCTGGCCACCAATACAACATCAAGTGCCTGGGGTGTCCCCAGATGGTCGCCTCGCA
 ATCATCGTTGATGAAGGGGGTGTCTCTGCTGGTCTGCTGAGCTTGGTGTGAGGTGCTCCACCCTTCC
 ACTTCAAGGGCTCCGTGCACAGCGTCTCCTTCTCTCCGATGGCAGAAAATTCGTTGTCACAAAGGGCAA
 CATTGCGCAAATGTACCACGCCCGGAAAGAAGCGAGAGTTCAATGCGTTTGTCTGGACAAAACCTAT
 TTCGGGCCCTATGATGAGACCACATGCATCGACTGGACAGATGACTCCAAGTCTTGTGGTTGGAAGCA
 AAGACATGTCCACCTGGGTGTTGGAGCTGAGCGCTGGGACAACCTCATCTACTATGCACTGAGTGGACA
 CAAGGATGCCATTGTGGCCTGCTTCTCGAGTCCAACAGCTAGATCTATACTCGCTCAGTCAAGATGGA
 GCCTGTGTGTGGCAGTGTGACACACCCCTGAGGGCCTGCGGCTTAAGGCACCCAGGGGCTGGAAGG
 CAGACATACTTACAGGGGAGAAGGAAGAAGAGGAGGAGGATGAGGAGGAGGGGATCGAGAAACCACCAT
 CCGAGGGAAGACCACACCAGCGGAGCAGGAGGGTGGGAAAGTAAATACTCCCGACTGGCCAAGTAC
 TTCTTGAACAAAGAAGGAGACTTAAACAACCTGACATCCGCGCGTATCATAAGAAGACCCATCTTTGG
 TCACGGGTTTTGCTTCTGGAATCTTCCATCTGCACGAGCTCCAGAGTTCAACCTGATCCACTCCCTGAG
 CATCTCCGATCAGAGGGTGTCTCGTTGCCATCAACAGCTCTGGGGACTGGATTGCCTTTGGCTGCTCA
 GGCATGGGCCAGCTGCTGTGTGGGAATGGCAGAGTGAATCCTATGTGCTCAAGCAGCAGGGCCATTTCA
 ACAGCATGGTGGCCCTGGCCTACTCCCTGACGGGCAGTACATTGTCACCGGTGGGGCAGTGGCAAGGT
 TAAGGTGTGGAACACCCCTCAGTGGCTTCTGCTTTGTCACTCTCACGGAGCACTCCAGTGGGGTCACTGGA
 GTGACATTCACCACCACGGGCCATGTCATCGTCACTCCTCCTTGGATGGCACTGTGAGACCTTCGATC
 TTCACAGTACCGGAATTTCCGCACCTTACGCTCTCCACGCCCCACACAGTTCTCCTGTGTGGTGTGCA
 CTCGAGTGGGAAATCGTCTCTGCAGGGGCGCAGGACTCCTTTGAGATCTTTGTGTGGTCCATGCAGACA
 GGCAGGCTTCTTGATGTTCTGTCTGGCCATGAGGGACCCGTGAGTGGTCTTTGCTTTAACCAATGAAGT
 CTATCCTGGCTAGTGCCTCTTGGACAAGACAGTGCCTGTGGGACATGTTGACAGTTGGAGAACC
 AGAGACCTTGACTCTGACCTCTGACGCCCTAGCTGTGACTTTCCGGCCTGATGGTGCAGAGCTGGCTGTG
 GCCACGCTGAATTCACAGATCACGTTTTGGACCCTGAGAAATGCTGTACAGGTGGGCTCCATCGAGGGCA
 GGCATGACCTGAAGACCCGAGGAAGGAGCTGGACAAGATCACAGCCAAACATTCAGCCAAGGGCAAGGC
 CTTCACTACCCTGTGTTACTCTGCGGACGGGCAGAGCATCCTGGCGGGAGGCATGTCCAAGTTCTGTGTC
 CTTTACCACGTCCTGGGAGCAAACTCCTGGTGAAGAGGTTTGGAGCTCCTGCAACCTGTCTCTGGATGCCA
 TGGAGGAATTCCTGAACCGGAGAAAGATGACAGAGTTTGGCAACCTGGCACTCATTGATCAAGATGCTGG
 GGAGGAGAATGGGGTGGCAGTCCACTGCCAGGAGTAAGGAAAGGTGATATGAGCTCCAGACACTTCAA
 CCTGAAATCAGGGTACTTCTCTGCGCTTCTCTCCACGGGGCGCTGCTGGGCGGCCACCAGCACAGAGG
 GCCTCCTCATCTTCTCCCTGGATGCCAGATGCTCTTCCAGCCATTTGAGCTGGACACCAGTGTGACCCC
 TGGACGGATCCGGGAGGGCTCCGACAGAGGGAGTTTACCCGGGCCATCCTCATGGCCTTCCGCTCAAT
 GAGAAAAAAGTGGCCAGGAGGCCCTGGAGGCTGTGCCACAGAATGAAATGAGGTAGTCAGCACGTCCTC
 TGCTGAGCTGTACGTAGTGAAGTACTGGAGTCTTAGCTGCCTCCTTTGAAGAATCTAGGCACCTGGA
 ATTCTACCTTATATGGACTCAGAAGTACTTATGTACATGGACAGCGGCTGAAGTCCAGGGCGGGACAG
 TTGCTGCCTGTGGTCCAGTTCCTTCCAGAGGGCTCCAGCGGCATCTGGATGATGTTTCAAACCTGTG
 ACTGGAACCGCTTCAACATCCAGTACGTGCTGGCAGTTTCCAAGCAGCGGGCATGAAACGCACCCTGGA
 ACCTGTGGACACAGAAGAGGACTCAGATGCATCTGATGAGGACAGTCTGCACCTACTCAGAGCTGCAGGT
 GAAGAAGAGGAAGAGGAGATGCTGATA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_029546
Insert Size:	2760 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).
Reconstitution Method:	<ol style="list-style-type: none">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:	<u>NM_029546.2</u> , <u>NP_083822.1</u>
RefSeq Size:	3871 bp
RefSeq ORF:	2760 bp
Locus ID:	110816
UniProt ID:	<u>Q8BU03</u>
Cytogenetics:	10 39.72 cM