

Product datasheet for **RN216798**

Pwp1 (NM_001191877) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pwp1 (NM_001191877) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pwp1
Synonyms:	RGD1310705
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN216798 representing NM_001191877
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACCGCAGCCGCCAAGTGACCTGCGTGGCCTGGGTCCGCCGGCGTGGCCAAAGAGACGCCAGACA
 AGGTAGAGCTAAGTAAAGAGGAAGTGAACGTCTCATTGCTGAAGCAAAAGAAAAGTTACAAGAGGAGGG
 TGGGAGTGAGGAAGAGGAGGTAGGCAGTCTTCAGAAGATGGCATGCAGAGAGCCCGGTCCAGGCCCGG
 CCTACGGAGCCGCTGGAGGATGGGGATCCACAAGACGACCGTACACTGGACGACGATGAGCTGGCGGAGT
 ACGACTTAGATAACTATGACCAAGAGGACAACCCAGATGCTGAGACCATTGGAGAATCTCTGTTGGGGCT
 TACGGTCTATGGCAGTAACGATCAGGATCCATACGTCACCCTCAAAGACACGGAACAGTACGAGCACGAA
 GACTTCTTGATTAAGCCGACCGACAACCTCATCGTCTGTGGCCGTGCAGAACAGAGCAGTGAACCTTAG
 AGGTGCACGTGTACAATCAAGAAGAGGAGTCTTTCTATGTCCACCATGACATACTCTGTCTGCATATCC
 TCTAAGTGTGGAATGGCTGAATTTTATCCTAGCCAGATGCGGCTACTGGAAATTACATTGCTGTGGGA
 AACATGACCCCTGTCATTGAGGTGTGGACCTGGATATCGTGGACTCTCTAGAACCAGTCTTCACACTGG
 GAAGCAAGCTTTCAAAAAGAAGAAGAAGAAAGGAAAAAGATTGTCGTCAGCAGAAGGACATACTGATGC
 TGTCTTGACCTTCTGGAATAAGACAGTCAGAAACGTGCTGGCGAGTGCATCAGCAGACAGCACTGTA
 ATCCTGTGGGATCTGTCTGTGGGAAGCCAGCGGCCAGGCTTACTGCACATACAGACAAGTTTCAGACTC
 TGCAGTTTCATCCATTTGAAGCACAGACTCTGATTTCTGGGTCTATGACAAATCCGTGGCTCTGTACGA
 CTGCAGAGACCCAGCCAGAACCACCGTCTGTGGAGGTTAGTGGGCAGATCGAGAGAGTGACCTGGAAC
 CACTTCTACCCGTGCCATTTCTGGCCAGTACAGATGATGGCTTGTATATAATCTGGATGCGCGCTCAG
 ATAAGCCGATTTTACACTTAATGCACACAACGATGAAATCTCTGGTCTTGATCTGAGCAGTCAGATCAA
 AGGCTGCCCTTGTGACCGCTTCAGCAGACAAATTTGTGAAGATCTGGGACATCTTAGGAGAGAGGCCAAGT
 CTCATTATTCTAGAGACATGAAGATGGGAGTTCTCTTTTGTCTTCATGCTGCCCTGATTTGCCGTTTG
 TTTACGCCTTTGGAGGACAGAAAGAAGGCTTCGGGTTTGGGACATAAGCACTGTGTCTTCAGTAAACGA
 AGCGTTTGAAGACGGGAGAGACTGGCCATTGGCAGCACAAAAGGTTTATCTGTTAGTGACCCTGTAGG
 AGCGGGAGCCACAGACACCAATGGAGTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001191877
- Insert Size:** 1503 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191877.1](#), [NP_001178806.1](#)

RefSeq Size: 2056 bp

RefSeq ORF: 1503 bp

Locus ID: 362856

Cytogenetics: 7q13