

Product datasheet for **MC205411**

Pwp1 (NM_133993) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pwp1 (NM_133993) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pwp1
Synonyms:	2310058A11Rik; 2610205J09Rik; AI098170; AL022879; AV083409; AW550690
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC023137
 CTCAAGAGTAGTGTCTCCAGCTCCCAGGGCTCCAACCTGCGCCGGGTTCAAACCGAAGATCATGAACCG
 CAGCCGCCAAGTGACCTGCGTGGCTGGGTCCGCCGGCGTGGCCAAAGAGACTCCAGACAAGGTAGAG
 CTAAGTAAAGAGGAAGTGAACCGTCTCATCGTGAAGCAAAGGAAAGTTGCAAGAAGAAGTGGGAGTG
 AAGAAGAGGAGGCAGGCAACCTTCAGAAGATGGCATGCAGAGTGGCCGACCCAGGCACCGCTAGGGA
 GTCCCTGGAGGATGGGGATCCACAAGATGACCGCACACTGGACGATGACGAGCTGGCGGGTACGACTTA
 GATAATTATGACGAAGAGGATAACCCAGATGCTGAGACCATTGGCGAGTCTCTGTTGGTCTTACGGTCT
 ATGGCAGTAATGACCAGGATCCATATGTACCTTGAAAGACACGGAACAATATGAGCATGAAGATTCTT
 GATTAAGCCGACTGACAACCTCATCGTTTGTGGCCGTGCTGAACAAGAGCAGTGCAATCTAGAGGTGCAC
 GTTTACAATCAAGAAGAGGAGTCTTTCTACGTCCACCATGACATACTCTGTCTGCATACCTCTGAGTG
 TGGAAATGGCTGAATTTTGTCTAGCCAGATGCATCTACTGGGAATTACATTGTGTGGAAACATGAC
 TCCTGTCACTCGAGGTATGGGACCTGGATATAGTGGACTCTCTAGAACCAGTCTTCACACTGGGAAGCAAG
 CTTTCCAAAAGAAGAAGAAGAAAGGGAAGAAGAGTTCCTCAGCAGAAGGACATACTGATGCTGCCTTG
 ACCTATCTGGAATAAGACAGTCAGAAATGTGCTTGAAGTGCATCGGCAGACAGCACTGTAGTTCTCTG
 GGATCTGTCTGTGGGAAGTCAGTAGCCAGGCTTACTGCACATACAGACAAGTTTCAGACTCTGCAGTTT
 CATCCATTTGAAGCACAGACTCTGATTTCTGGGTCTATGACAAATCGGTGGCTCTGTATGACTGCAGAG
 ATCCCAGCCAGAACCACCGCCAGTGGCGGTTTCAGTGGGCAGATCGAGAGAGTGACCTGGAACCACTTCTC
 ACCGTGTCATTTCTTGGCCAGTACAGATGATGGCTTTGTCTATAACCTGGATGCACGTTTCAGACAAGCCA
 ATCTTTACACTTAATGCACACAACGATGAAATCTCTGGTCTTGATCTTAGCAGTCAGATCAAAGGCTGCC
 TTGTGACTGCTCCGCTGACAAATTTGTGAAGATCTGGGACATCTTAGGAGATAGGCCAAGTCTCATTCA
 CTCTAGAGACATGAAAATGGGAGTTCCTTTTGTCTCCTGCTGCTGACTTGCCATTTGTTTATGCC
 TTTGGAGGACAGAAAAGAGGGCTTCGGGTTTGGGACATAAGCACTGTGTCTTCAGTAAATGAAGCATTTG
 GAAGACGGGAGCGACTCGTTATAGGCGGCACGAAAGTTTATCTGTTAGCGGCCCTGTGGGAGCAGGAG
 TCCACAGCAGACACCAATGGAGTCTGACAAAGATCAGTTTCTGCTGTGCTTACCTTAACTCCGTTTCA
 AAAGACTGGCCTAAAAATGTCCACGTATATCTACAACCATAGATGAAAATTCAGGTCTGTTGCCATCCT
 TTCTGCAGCCTTGGTGGCAGTCCACAGCCTTTGGGCTGCCTTCTACTGGGTAAGTGTACAGAGTTCTTGC
 TTTCTTAAAAATATAAAGTTTTTAAAAATGATTCCTTAAACAGGCCATCTGACCTTTGGAACCTTAGGCA
 TAAAATACATGGTAACTGGAGAGTTTTTGTACGGGTCTGTGTGTTAGCAAAGCACTGGTGTGGTGGC
 TCGTGTCTGTCCAGTCTGGGAGGAGAGAGAGACAGGCAGATTCTAGGACCAGGCTGCCAGCGAAT
 CTCACCTATCTCCATCTCCAGGCTAGGATTACCTATATGCATGGTAGGTTCTAGAATTGAATTCAGGC
 CCTCGTGTGGCAAATCAAACATTTCACTAACTGAGCAGTGTCCCTAACCCATTGATAAATGTGATCCCT
 AAAGGTATTTTACCTTTTGAATGTTAATCATATTTTGAACAATTTTGGTTTTAACTTCCATGTTTTCA
 GGGATATTTTGTAAAAATGTCAATTATTTTTAAATGGGGATTTTGTTCATACAATTTTCTATGATCAA
 AATATTTTACTAAATAGACAACAAACTGTCAAAGTAATACATAACCTTGTAAAGTTTTGGTCCCAGTACAT
 TCTCCCATCTATTTCTTCAAATAAACTTGAACCTGTCAAGCCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_133993

Insert Size: 1506 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:

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: [BC023137](#), [AAH23137](#)

RefSeq Size: 2388 bp

RefSeq ORF: 1506 bp

Locus ID: 103136

UniProt ID: [Q99LL5](#)

Cytogenetics: 10 C1

Gene Summary: Chromatin-associated factor that regulates transcription (By similarity). Regulates Pol I-mediated rRNA biogenesis and, probably, Pol III-mediated transcription (By similarity). Regulates the epigenetic status of rDNA (By similarity).[UniProtKB/Swiss-Prot Function]