

Product datasheet for **RN214711**

Pwwp2b (NM_001108507) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pwwp2b (NM_001108507) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pwwp2b
Synonyms:	Pwwp2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214711 representing NM_001108507
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGCCCGGGCCGGCTGCCGGTTGCCGGTGCAGGTTGGAACAGGTCGTCACCGCGCGCTGGTGGTCA
CCGTGAGCTGTGGCGAGCGCAGCTTCGCCGGGATCCTGCTGGATTGCACGAAAAAGTCTGGTCTCTTTGG
CCTGTCTCCATCTACTCTGCTGCCTCTGGCTGACAACCTCTGCCATCAGCTGTCATGGCCAGGTTCT
GAGGAGGGAAGTGGAGAAGTGCAGCTGGAGACAGGACCTCTGCCTCCTCACCACCAAGACCCTGAGA
AGGATCAGCCTCCAAGACAGCTGTGCCTGAGCCGCCCCACCTCTCATAACCACTGTGCCTGCCGGAA
CCTGCCTCCCTTCCACCTTACTTTGAGGGTGCCCTTCCCCACCCACTGTGGCTGAGGAACACCTAC
CAGCAGTGGGTGCCGAGCCCCACCCAGGGCCATCAAGCGGACCCGTCGGCGACTTCCCGAAACCGGG
ATCCAGGCAGACTCATTCTAGCACAATCCGCCTGCGGCCACGTCAGGTAATGTGAGAAATGCAAGAG
TACTGTGAGTCTCAGGATGCCAGTCTGGCCCCCTGAACACCCCAAACCCCGCGGAGGCTAGGCAGT
GGCCCTGACAGTGAATACCGAAAGCCAGAGGAACCGGAAGACAGTGCCTCATAGCCATGGCCGCACCAA
GGAGAAACAAGAGGGAGAAGCGGGAAGAGGACAGGGTTGCCGGAGAGCGTATCCCAAGGAGCCAGTCAT
CAAGATCTCTACAGCACACCACAGGGTAAGGGTGAAGTGGTCAAGATCCCATCCAGAGTGCATGGCTCC
GTGGAGCCCTTCTGCCCCAACAGTCTCTACAGAAATGGCAGCCAGGACTCAGAGGTATCGAGGGATGGGG
AGACCAAGGGTGGTGGAGACCGACCATCCAGCGGGCTTTCAGCCTCCATCCCAAGCTGAAGCTGACTCG
TCCAGTGCCCTCTGTCTCAGACCTGCCACCTCCAAAAATCCGCCTGAAGCCCCACCGGCTGGGGAATGGA
GAGCATGAGCCTCTGTACAGGGCTGAGCTGGTAGAGGAGCTGAATGGATGCCACGAGGCCCCCTGGCCA
GCTCCCTGCTCTTTGCTGATGGCTTACCCATGGGCTAGAGGACTTGTCTTCTGGAAGTTCTGGTGA
GGACGATGACCTCAAGAGATTTCCCAAGGTAACATGGCCGTGATGGCTTGGCTTTTCTGTGCGACTGC
CCTGGGAGGAGAGCAGACTGTACCAGTGAATCTGTGTGCAGCAGCACCGACAGCCTGGATGAATAAAAT
CATCTGGCTCAGAAGTGACATCTCCAGACACAGGAGACCTGTCATCTGGCGACAGTGCCTCTGTTCTTTC
GTCTTCTGCTGACACTCGCCAGACAGTCCCTCCCTCACGGTCAGGCTGCACACGCAGAGCGTCTCACAG
TGTGTGACTGAAGACGGAAGGACGGTGGCTGTAGGGGACATTGTGTGGGGTACCAGACAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001108507

Insert Size: 1533 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: [NM_001108507.2](#), [NP_001101977.1](#)

RefSeq Size: 2283 bp

RefSeq ORF: 1533 bp

Locus ID: 361671

Cytogenetics: 1q41