

Product datasheet for **MR212173**

Pwwp2b (NM_001098636) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pwwp2b (NM_001098636) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pwwp2b
Synonyms:	A1594893; D7Ertd517e; D930023J19Rik; Pwwp2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR212173 representing NM_001098636
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCCCGGGCCGGCTGCCGGTTGCCGGTGC GGTTGGAACAGGTCGTCAACGGCGCGCTGGTGGTCA
 CCGTGAGCTGTGGCGAGCGCAGCTTCGCCGGAATCCTGCTGGATTGCACGAAAAAGTCTGGCCTCTTTGG
 CCTGTCTCCATCTACTCTACTGCCTCTGGCTGACAACCTCTGCCGTCAGCTGTCATGGCCAGGCTCCC
 GAGGAGGGAAGTGGAGAAGTGTGCAGCTAGAGACAGGACCTCTGCATCCTCACCACAAAGACCCTGAGA
 AGGATCAGCCTCCAAGACAGCTGTGTCTGAGCCGCCCCACCTCTCATACCACCTGTGCCTGCCGGGAA
 CCTGCCTCCCTTCCACCATACTTTGAGGGTGCCCTTCCCTCACCCACTATGGCTGAGGAACACCTAC
 CAGCAGTGGGTGCCGAGCCCCACCCAGGACCATCAAGCGGACCCGTCGGCGACTCTCCAGAAACCGGG
 ATCCTGGAAGACTCATTCTTAGACAATCCGCCTGCGGCCACGTCAGGACTGTGTGAGAAGTGAAGAG
 TACTGTGAGTCTCAAGAGGCCAGTCCCAGCCCCCTGAACACCCCAACCCCGCGGAGGCTAGGCAGT
 GGCCCTGACAGTGAACACCGAAAGCCAGAGGAACCAAGACAGCGCTGTATAGCTACAGCTGCCCCGA
 GGAGGAGCAAGAGGGAGAAGCGGGAAGAGGACAGGGTTGCTGGAGAGCGTGTCCGAGAAGCCAGTCAT
 CAAGATCTCCTACAGCACACCACAGGGTAAGGGTGAGGTGGTCAAGATCCATCCAGAGTGCATGGCTCC
 GTGGAGCCCTTCTGCCCGCAACAGTCTCTACAGAAATGGCAGCCAGGACTCAGAGGTATCAAGGGATGTGG
 AGCCCAGGGGTGGTGGAGACCGACCACCCAGCGGGTCTTACGCCCTCCATCCCAAGCTAAAGTGACTCG
 CCCAGTGCCTCCTATCTCTGACCTGCCACCTCCAAAAATCCGCCTGAAGCCCCACCGGCTGGGGATGGA
 GAGCATGAACCCCTTACCGGGCTGAGCTGGTGGAGGAGCTGAACGGATGCCACGAGGCCCGCTGGTCA
 GCTCCCCTGCTCTCTTTGCCGATGGCTCTAGCCATGGGCTAGAGGACTTGTCTTCTGGAAGTTCTGGTGA
 GGACGATGACCTCAAGAGGTTTCCCAAGGTAACATGGCCGTGATGGCTTGGCTTTTCTGTGGACTGC
 CCTGGGAGGAGAACAGATTGTACCAGTGAATCTGTGTGCAGCACGGACAGCCTGGATGAATTAATAATCAT
 CTGGTTCAGAAGTGACATCTCCAGACACAGGAGACCTGTCATCTGGTGACAGTGCCTCTGTTCTTCATC
 TTCTGCTGACACTCGCCAGACAGTCCCTCCCTCACGGTCAGGCTGCACACGCAGAGCGTCTCACGGTGT
 GTGACTGAAGATGGAAGGACGGTGGCTGTAGGGGACATTGTGTGGGTAAGATTCATGGTTTTCTTGGT
 GGCCAGCGCGTCTCTTGACATCAGCCTTGCCAGAAGGAGGATGGAGAGCCCTTTGGCAAGAAGCGAA
 AGTCTCATGGTTTGGGTCTCCAACATACATATTCTTGTCTATTTCAAACACTGTCCCCTTCTCTGAATTT
 TTCAAACACTGAGATTTAACCGTAAGAAGAAGGGGATGTATCGGAAAGCTATAACTGAGGCTGCAAATGCCA
 CACAACACGTGGCCCCAGAAATAAGGGAGCTCTTGACCCAGTTTGAATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001098636

ORF Size: 1800 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001098636.1](#), [NP_001092106.1](#)

RefSeq Size: 2640 bp

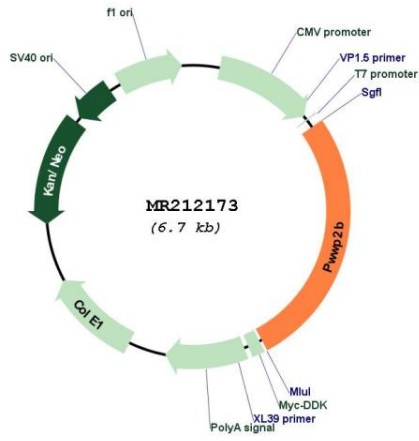
RefSeq ORF: 1803 bp

Locus ID: 101631

Cytogenetics: 7 84.39 cM

MW: 65.9 kDa

Product images:



Circular map for MR212173