

Product datasheet for **RG209863**

PWWP domain containing protein 2B (PWWP2B) (NM_138499) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PWWP domain containing protein 2B (PWWP2B) (NM_138499) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PWWP domain containing protein 2B
Synonyms:	bA432J24.1; pp8607; PWWP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG209863 representing NM_138499
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAGCTGGGGTCCAGCTCCCCCTCCTGCCTGCGGGTTCAGCCCCGAGACCACCGCCCCGAGC
 CACCCCCGCCCTCGTGCCGCGCTGCCGCGGAAGCCTGCCCCGTACCCTCCCTACTTCGAAGGCGC
 CCCCTTCCTCACCCGCTGTGGCTCCGGGACACGTACAAGCTGTGGGTGCCCCAGCCGCCGCCAGGACC
 ATCAAGCGCACGCGGGCGGCTGTGTCCCACAACCGCGACCCGGGGCGCCTCATCCTCAGCACCATCCGCC
 TGCGGCCGCGCCAGGTGCTCTGTGAGAAGTGCAAGAGCACGCTGAGCCCCCGGAGGCCAGCCCCGAGC
 CCCAGCCGCGCCAGGGCCCGCAGGAGGCTGGGCAGCGGCCGGACAGGGAGCTCCGCAAGCCGGAGGAG
 CCGGAGAACGGCGAGCCACGGCTGCGGCCACCGCAGGAGGAGCAAGAGGGAGAGGCGCGAGGAGGACA
 GGGCCCCGGCAGAGCAGGTCCCAGGAGCCGGTCAAGATCTCTACAGCACGCCCCAGGGCAAGGG
 AGAGGTGGTCAAGATCCCCTCCCGCTGCACGGCTCTCTGGAGCCCTTCGTCCCAGCAGGCCCCGACG
 GACGACGGCAGCCAGGACCCGAGGTGCTGGACAGAGAGTCCCGGACCGGCCGTCTGCGCGCCCTCGG
 CCTCCATCCCCAAGTTGAAACTGACACGGCCTGTGCCGGCCGGCGCGGACCTGCCGCCCCCTAAGATCCG
 CCTGAAGCCCCACCGTCTGGGGACAGCGAGCACGAGCCCGTGTACCGGGCCGAGCTGGTGGGGAGCTG
 AACGGGTACCTGCGGGACAGCTCGCCGGCGCCCTGTGCGGACGGCCCTGCCGGTGGGCTGGCGGACTTGT
 CTTCTGGAAGTTCGGGTGAGGACGATGACTTCAAGAGCTGTCCCCAGGGTCCACAGGGACGCGAGGGCTT
 GGCTTTTCTCGTACGCTGCCCTGAGGGGAGAGCGGACTGTGCCAGTGAGTCGGCGTGCAGCAGCGACAGC
 CTGGACGAGGCCAGATCGTCCGGCTCGGAAGGGACCGCGCAGACACGGGTGACCTCTCGCTGGCCAGC
 GCGCGTCAGCGCCCTCGGTGTCCAGAGAGGCTCGCCAAACGGTCCGCCCTGACGGTGCACGCTGCACAC
 ACAGAGCGTGTCCGAGTGCATCACGGAGGACGGCAGGACTGTGGCCGTGGGGGACATCGTCTGGGTAAAG
 ATCCATGGTTTTCTTGGTGGCCGGCGCTGTTCTTGACATCAGTCTCGCCAGAAGGAGGACGGAGAGC
 CGTCTTGGCGAGAAGCGAAGGTCTCGTGGTTTGGTTCTCCGACTACGTCGTTCTTGTCTATTTCAA
 ACTCTCCCCTTCTGAATTTTCAAAGTGAATTTAATCGTAAGAAGAAGGGGATGTATCGGAAAGCTATA
 ACCGAGGTGCAAATGCCGAAGACACGTGCCCCGGAATCAGGGAGCTCTAACCCAGTTTGAACG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG209863 representing NM_138499
 Red=Cloning site Green=Tags(s)

MLQGSSSPPACGVQPPETTGPPEPPPLVPPLPAGSLPPYPPYFEGAPFPHPLWLRDYLKLVWPQPPRT
 IKRTRRRRLSRNRDPGRLILSTIRLRPRQVLCEKCKSTLSPPEASPGPPAAPRRRRRLGSGPDRELKPEE
 PENGEPTAAATARRSKRERREEDRAPAEQVPRSPVIKISYSTPQKGEVVKIPSRVHGSLEPFPRQQAPQ
 DDGSQDPEVLDRESRDRPSCAPSASIPKLLKTRPVPAGADLPPPKIRLKPRLGDSEHEPVRRAELV
 GELNGYLRDSSPAPCADGPAGGLADLSSGSSGEDDDFKSCPQGPQGREGLAFLVSCPEGRADCASESACSSDS
 LDEARSSGSEGTPADTGDLSFGHGASAPSVSREARQTVPLTVRLHTQSVSECITEDGRTVAVGDIVWGK
 IHGFPWWPARVLDISLGQKEDGEPSWREAKVSWFGSPPTTSFLSISKLSPFSEFFKLRFNKRRKMYRKA
 ITEAANAARHVAPEIRELLTQFET

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_138499

ORF Size: 1539 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_138499.2](#), [NP_612508.2](#)

RefSeq Size: 2626 bp

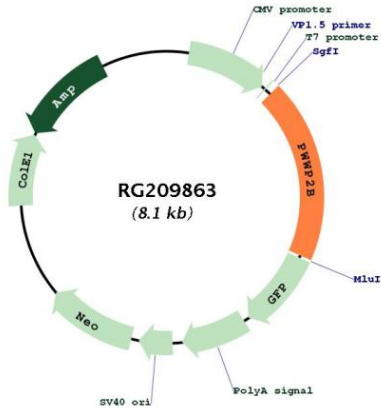
RefSeq ORF: 1773 bp

Locus ID: 170394

UniProt ID: [Q6NUJ5](#)

Cytogenetics: 10q26.3

Product images:



Circular map for RG209863