

Product datasheet for **RG206908**

PWWP3B (NM_152423) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PWWP3B (NM_152423) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PWWP3B
Synonyms:	MUM1L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG206908 representing NM_152423 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGTCTGAGTATGTCCTATGCAACTGGAAAGACCAGTTGTGGCCAGCAAAGTTTTGTCCAGATCTG
AAACTTCATCAACAGTAAGAGGAAAAAGGCATTTTCTCTAGAAGTTCAAATACTCTCACTAGATGAAAA
AATTAATTTGGACAGCACAGAAACAAAGATCCTAAATAATCTCAAATTGAAGCCATTGCTGCCTCATT
GGACTACAGTCAGAGGACAGTGTCCACCTACAGAGGAACTGCCTATGGAAGATCACTAAAAGTGGCAC
TGGGTATTCTGAATGAGAGAACAATTTGAGTCAAGCAAGCACTTCAGATGAAGAGGAGATCACTATGCT
GTCTCAAATGTACCACAAAAACAGTCCGATTCACCCCTCATAAAAATACCGGAAGGATGAAGGTGAC
TTACCAGGGTGTCTTGAGGAAAGGAAAACTCAGCATGCTTGTAGCATCTTCAGAGAGTATGATTCCC
TGTATGATGATAAATCACAAGCACCCACAATGGTCGATACTATTCCAAGTGAAGTGGAAACAAAGTCATT
ACAAAACCTAGCTGGTGCAGACTTTCCCTTCACTTTTCGGAAGATAATGATGAAAAAGAGAACAAGAA
AAGATTGATATCTCAGCAGTTATGTCTGTGCATTCTGCAGTCAAAGAGGAAAGTGCATGTGTTAAAGATG
AAAAGTTTGTCCACCTTTGTACCTTTGTGCATCAGATATGCTCATTATGCCAAAGCTTTGAAAGAAGA
GAGCGAGGATACCTGCCTAGAGACCCTGGCTGTCCCTCTGAATGCTCTGCTTTCTCAGAGAATATTGAG
GATCCTGGAGAGGGTCCCTCAAATCCATGCTTAGATACCAGCCAGAATCAACCTTCCATGGAATCAGAGA
TGGGGGCTGCAGCATGCCCTGGGAGTTGTTCAAGGGAATGCGAGGTTTCATTTAGTGCCTTAACCTGT
CTGGGATTATTCACATCTTATGAGTAGTAAAGAAATTTTCAGAGACTGGATTTTGAAGAAGTGTAGGAA
GAAGGTCAAGCCTCTGACAAGTCATTGCTTCCAAGTCGCATTAATCTTTCTCTATTAGATGATGATGAGG
AAGACGAAGAAGTCCACGCTTCAATTTACATTATGAGACACATCCGTTTGAACAGGAATGATAGTCTG
GTTTAAATATCAGAAATATCCATTTTGGCCAGCAGTGATAAAAAGTATCAGACGAAAAGAGAGGAAAGC
AAGTGTGCTTTTTGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG206908 representing NM_152423
Red=Cloning site Green=Tags(s)

```
MESEYVLCNWKDQLWPAKVLRSSETSSNSKRKKAFSLEVQILSLDEKIKLDSTETKILNKSQIEAIAASL
GLQSEDSAPPTTEETAYGRSLKVALGILNERTNLSQASTSDEEEITMLSQNVPPKQSDSPPHKKYRKDEGD
LPGCLEERENSACLLASSEDDSLYDDKSQAPTMVDTIPSEVETKSLQNSWCETFPSSLSEDNDEKENKN
KIDISAVMSVHSVAVKEESACVKDEKFAAPLSPLSSDMLIMPKALKEESEDTCLETLAVPSECSAFSENIE
DPGEGPSNPCLDTSQNQPSMESEMGAACPGSCSRECEVSF SASNPVWDYSHLMSSERNFQRLDFEEL
EQQASDKSLLPSRINLSLLDDDEEDEELPRFILHYETHPFETGMIVWFKYQKYPFLASSDKKYQTKREES
KCAFC
```

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_152423

ORF Size: 1911 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_152423.2](#), [NP_689636.2](#)

RefSeq Size: 3958 bp

RefSeq ORF: 2091 bp

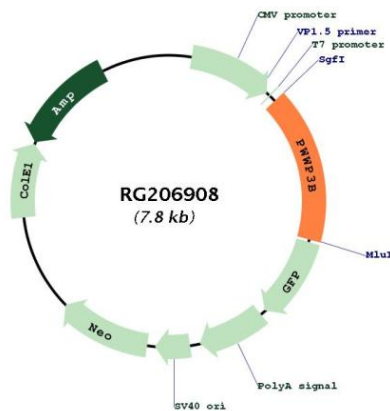
Locus ID: 139221

UniProt ID: [Q5H9M0](#)

Cytogenetics: Xq22.3

Gene Summary: This gene encodes a protein which contains a mutated melanoma-associated antigen 1 domain. Proteins which contain mutated antigens are expressed at high levels on certain types of cancers. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Sep 2011]

Product images:



Circular map for RG206908