

Product datasheet for **SC100644**

PWWP3B (NM_152423) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PWWP3B (NM_152423) Human Untagged Clone
Tag:	Tag Free
Symbol:	PWWP3B
Synonyms:	MUM1L1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC100644 sequence for NM_152423 edited (data generated by NextGen Sequencing)

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ATGGAGTCTGAGTATGTCCTATGCAACTGGAAAGACCAGTTGTGGCCAGCAAAAGTTTTG
TCCAGATCTGAACTTCATCAAAACAGTAAGAGGAAAAAGGCATTTTCTCTAGAAGTTCAA
ATACTCTACTAGATGAAAAAATTAATTTGGACAGCACAGAAACAAGATCCTAAATAAA
TCTCAAATTTGAAGCCATTGCTGCCTCATTAGGACTACAGTCAGAGGACAGTGTCCACCT
ACAGAGGAAACTGCCTATGGAAGATCACTAAAAGTGGCACTGGGTATTCTGAATGAGAGA
ACAAATTTGAGTCAAGCAAGCACTTCAGATGAAGAGGAGATCACTATGCTGTCTCAAAAT
GTACCACAAAAACAGTCCGATTACCCCTCATAAAAATACCGGAAGGATGAAGGTGAC
TTACCAGGGTGTCTTGAGGAAAGGGAAAACTCAGCATGCTTGTTAGCATCTTCAGAGAGT
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TCACCTTTGTCATCAGATATGCTCATTATGCCCAAAGCTTTGAAAGAAGAGAGCGAGGAT
ACCTGCCTAGAGACCCTGGCTGTCCCTCTGAATGCTCTGCTTTCTCAGAGAATATTGAG
GATCCTGGAGAGGGTCCCTCAAATCCATGCTTAGATACCAGCCAGAATCAACCTTCCATG
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AGATGGCTGAAATCATTGTTTGAATGCAAATAGGTTACACCCCTGTATTGAAACATACTTT
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GAAGCAAAGTATCTAAAAGGACCATGTCTAGGCTACAGGGAAAGAGAATTTTGTGATGCA
AAAATAATATATGAAAAGAGACGAAAAGCACCAACAAATGAAGCTCACTAA
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Clone variation with respect to NM_152423.4

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152423 unedited
 TGCAAATTTTGTAAATACGACTCACTATAGGGCGGCCGCGCAGCCGGCCACAGNACCAGA
 CCCACCAGAATCCACATGACAGTGGTATCTTCCGGTATCATCCTATTCAAAACAACGTGTT
 CAAGCATCCTTGGAAAATTGAGGTGGAGAACAGGCCACACAAGCTGTA AACCCCTTTGTAG
 TCATAAGACGAAAAGAGGATTTGTTAAGAGTATTGTTTTGGGTAGAACTTGCAATTAGCAGT
 GACAAAGATAGCCACCTCAACCTTTGGTAATAACCCCTTGGCACACAAAATATAAACCATAA
 TGGAGTCTGAGTATGTCCTATGCAACTGGAAAGACCAGTTGTGGCCAGCAAAAAGTTTTGT
 CCAGATCTGAAACTTCATCAAACAGTAAGAGGAAAAAGGCATTTTCTCTAGAAGTTCAAAA
 TACTCTCACTAGATGAAAAAATTAATTTGACAGCACAGAAAACAAAGATCCTAAATAAAT
 CTCAAATGAAGCCATTGCTGCCTCATTAGGACTACAGTCAGAGGACAGTGTCCACCTA
 CAGAGGAAACTGCCTATGGAAGTCACTAAAAGTGGCACTGGGTATTCTGAATGAGAGAA
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 TACCACAAAAACAGTCCGATTCACCCCTCATAAAAAATACCGGAAGGATGAAGGTGACT
 NTACCAGGTGTCTTGAGGAAAGGAAAACTCAGCATGCTTGTTAGCATCTTCAGAGAGT
 GATGATCCCTGTATGATGATAAATCACAAGCACCACAATGGTCGATACTATTTCAAGTG
 AAAGTGGNAACAAGTCACTACANAACCTAGCTGGTGGCAGACTTTCCTCACTTTTCGNA
 GAATATGATGAAAAAGAGACCAGATAAGATGATTCTCAGCAGTATGTCTGTGCTTCTGC
 ATCAAGAGGAAGGNCATGTGTTAGAATGAAAGTTGCT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_152423 unedited
 NNNCCGGTATTACTAAGNACCAGCCGCGCCGAATCTANGATCGAATTTTTTTTTTTTTTTTT
 TTTTTTTTGAATAATATAACAGTTTTATTATAAATCAAAACACCAAACCTTTTGCAAACCTT
 TACATAAACGTGTAGCCATATGACTGTATAACAAGAGCCCAAGAGCAACCATTGTCTAAC
 AGGTAGAAATGCAGACAGTTTCATGTTAAGCCTTTAGAATTTCCCTTTCACGGCAGTTTT
 CAAAATAAACTAACTTTTCTAACATTTATTCTCACAATAATATTTCAAGTTAGAATAA
 ACAACTCATTGGCTTCAGACATTTAATTGTATGTATTTAACCATACTCAGATAATTGTCA
 TATTTAGCCAAATGGAGGCTTTTTCTGTGACCTATTTCCAAATCTCAGATTCTGGTTCA
 TCTACTCCTTCAAGCAGTTTGAATGACTTGCCAGTTGGCATTATATCATTGGAACAT
 TCTGCAATAAGCCATTTGATAAAGCTTGCTTGGTTTGAGACAACATGTATTTGGAGA
 TAAAAGACTCAGAACAAAGTGCCTTGCCTTTTCTACAGTTTATATCAAACGAGATGGGCAC
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 AGCTGCCTTCCACATGTGGTCAGACAGCTATATTAAGAAGATCTACTCACTGCTGTTAT
 GAAGATAGCCAGGAGCTTGTCTGATTTAAGAACTATTCAGCCATTGAAGGATAACCCCTCC
 CCAAAATGGAATTCACGGAAATGTTGAATGAACAATCCTGGTTAAGCAACCAAATATTT
 TCTGCTGCCAAGAGGTTTTCCACCATAAATACCATTGCCGAAAAACCTCCTTTTGAAT
 TAAAAGTN

Restriction Sites:

NotI-NotI

ACCN:

NM_152423

Insert Size:

4700 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_152423.2](#), [NP_689636.2](#)

RefSeq Size: 3958 bp

RefSeq ORF: 1914 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]
Transcript Variant: This variant (2) represents the longer transcript. Both variants 1 and 2 encode the same protein.