

Product datasheet for **SC322149**

PWWP3B (NM_152423) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	PWWP3B
Synonyms:	MUMIL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF:

>OriGene sequence for SC322149 AGTCTTCGGGGAGGAGCTGCATTACACACAGGCTTCGGAGGCTTCGGTGGAGAAGCTTGG
 AGGTAATGGCTGTCGTAATGCTAGTTATTTTCAGAGAGTTCTCGAAGATTTGGAATAAA
 GCCGAGCCCCAGAAAGACAGGTCAACCACAGAAGTGTGAGCCAGGTAAAGACCCTGCTG
 GACCAAGCAGCTGGAGTGAGAATCAAGACAGCTGGACCACAGGACCAGACCCAGCAGTATC
 CATGTGACACATAGGTTAATATCAGAGAAGCACATGACCTGGGCAATCTGCATGTGATGC
 CAACCAAGCCTTGAAAGACAGTGCAACCACAGAAGTGCCGAGCTGGGTAAAGGCCCTGC
 TGGACAAGCAGTTGGAGTGAGAATCAAGACAGCCGACCACAGGACCAGACCCACCAGGA
 TCCACATGACAGTGGTATCTTCGGTATCATCCTATTCAAACAACGTGTTCAAGCATCCT
 TGGAAAATTGAGGTGGAGAACAGGCCACACAAGCTGTAAACCCCTTGTAGTCATAAGACG
 AAAGAGGATTTGTTAAGAGTATTGTTTGGGTAGAAGTTGCATTAGCAGTGACAAAGATA
 GCCACCTCAACCTTTGGTAATAACCTTGGCACACAAATATAAACCATATGGAGTCTGA
 GTATGTCCTATGCAACTGGAAAGACCAGTTGTGGCCAGCAAAAGTTTGTCCAGATCTGA
 AACTTCATCAAAACAGTAAGAGGAAAAAGGCATTTTCTCTAGAAGTTCAAATACTCTCACT
 AGATGAAAAAATTAATTTGGACAGCACAGAAACAAAGATCCTAAATAAATCTCAAATTGA
 AGCCATTGTGCCTCATTAGGACTACAGTCAGAGGACAGTGTCCACCTACAGAGGAAAC
 TGCCTATGGAAGATCACTAAAAGTGGCACTGGGTATTCTGAATGAGAGAACAATTTGAG
 TCAAGCAAGCACTTCAGATGAAGAGGAGATCACTATGCTGTCTCAAATGTACCACAAAA
 ACAGTCCGATTACCCCTCATAAAAATACCGGAAGGATGAAGGTGACTTACCAGGGTG
 TCTTGAGGAAAGGAAAACTCAGCATGCTTGTAGCATCTTCAGAGAGTGATGATTCCT
 GTATGATGATAAATCACAAGCACCCACAATGGTCGATACTATTCCAAGTGAAGTGGAAAC
 AAAGTCATTACAAAACCTAGCTGGTGCGAGACTTTCCTTCACTTTCGGAAGATAATGA
 TGAAAAAGAGAACAAGAATAAGATTGATATCTCAGCAGTTATGTCTGTGCATTCTGCAGT
 CAAAGAGGAAAGTCATGTGTTAAAGATGAAAAGTTTGCTCCACCTTTGTCACCTTTGTC
 ATCAGATATGCTCATTATGCCCAAAGCTTTGAAAGAAGAGAGCGAGGATACCTGCCTAGA
 GACCTGGCTGTTCCCTCTGAATGCTCTGCTTTCTCAGAGAATATTGAGGATCCTGGAGA
 GGGTCCCTCAAATCCATGCTTAGATACCAGCCAGAATCAACCTTCCATGGAATCAGAGAT
 GGGGCTGCAGCATGCCCTGGGAGTTGTTCAAGGGAATGCGAGGTTTCAATTAGTGCTC
 TAACCTGTCTGGGATTATTCACATCTTATGAGTAGTGAAAGAAAATTTTCAGAGACTGGA
 TTTTGAAGAACTTGAGGAAGAAGTCAAGCCTCTGACAAGTCATTGCTTCCAAGTCGCAT
 TAATCTTTCTATTAGATGATGATGAGGAAGACGAAGAACTTCCACGCTTCATTTTACA
 TTATGAGACACATCCGTTTGAACAGGAATGATAGTCTGGTTTAAATATCAGAAATATCC
 ATTTTTTGGCCAGCAGTGATAAAAAAGTATCAGACGAAAAGAGAGGAAAGCAAGTGTGCTTT
 TTGTTGAGGCAACATGAATTCTGAAAAGAAGGGCATTAGAGTAAATTTTAGAAGATTAA
 AGAAATTTGATTGTAAAGAGAAACAAATGCTAGTGGAACAAAGCCAGGAGGATTATAGTG
 AGAGTATTGACTGGTGATCTCACTAATTTGTGACTACAGAGTTAGAATAGGTTGTGGTT
 CTTTCACGGGCTCTTTGCTTGAGTATTATGCTGCTGATATTAGTTACCCAGTTAGGAAAG
 AAACAAAACAGGATACTTTCAGGAACAAATTTCAAAGCTGCATAATGAAGATGCCAGGG
 AACCGATGGCTGTAACCTCCAGACCAAGAAAATGTCCTTCAAAAAATTCCTCCTGACC
 GGATGAAGGCTGCTCGGACCGAGCCAACAAGAACCTGGTGGACTTCATTGTGAATGCAA
 AGGGAACAGAGAACCATCTTCTGGCATTGTAATGGCACAAAAGGATCCAGATGGCTGA
 AATCATTTTTGAATGCAAAATAGGTTACACCCCTGTATTGAAACATACTTTGAGGATGAAG
 ATCAGTTGGATGAAGTGGTGAAATATTTACAAGAAGCTGCAATCAAATAGATCAAATAA
 TGCCAACTTGGATAAAAGATGATAAAATTAATTTATCCTAGAAGTTCTTCTGCCAGAAG
 CAATTTTGTTCATTTCTGCTGTTGATGGGTTAGATTACGAGGCAGCTGAAGCAAAGT
 ATCTAAAAGGACCATGTCTAGGCTACAGGGAAGAGAATTATTTGATGCAAAAAAAAAA
 AAAAA

Restriction Sites:

Please inquire

ACCN:

NM_152423

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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_152423.2</u> , <u>NP_689636.2</u>
RefSeq Size:	3958 bp
RefSeq ORF:	1914 bp
Locus ID:	139221
UniProt ID:	<u>Q5H9M0</u>
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.