

Product datasheet for **SC111289**

WBP11 (NM_016312) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WBP11 (NM_016312) Human Untagged Clone
Tag:	Tag Free
Symbol:	WBP11
Synonyms:	BUG13; CFAP90; FAP90; NPWBP; PPP1R165; SIPP1; VCTERL; VCTRL; WBP-11
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC111289 sequence for NM_016312 edited (data generated by NextGen Sequencing)

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ATGGGACGGAGATCTACATCATCCACCAAGAGTGGAAAAATTTATGAACCCACAGACCAA
GCCCGAAAGGAAGCCCGGAAGAGAGAATTAAAGAAGAACAAAAACAGCGCATGATGGTT
CGAGCTGCAGTTTTAAAGATGAAGGATCCAAAACAGATAATCCGAGACATGGAGAAATG
GATGAAATGGAGTTTAAACCCAGTGAACAGCCACAATTAATGAGAAAAGTACTGAAAGAC
AAGCGTAAAAAGCTGCGTGAACCTTTGAACGTATTCTACGACTCTATGAAAAAGAGAAT
CCAGATATTTACAAAGAATTGAGAAAGCTAGAAGTAGAATATGAACAGAAGAGGGCTCAA
CTTAGCCAATATTTTGTGCTGTCAAGAATGCTCAGCATGTGGAAGTGGAGAGTATTCCT
TTGCCAGATATGCCACATGCTCCTTCCAACATTTTGTCCAGGACATTCCACTTCTCGGT
GCCCAGCCACCCTCTATCCTAAAGAAAACCTCAGCCTATGGACCTCCAACCTCGGGCAGTT
TCTATCCTTCTTCTTGGACATGGTGTCCACGTTTGCCTCCGAGAAAACCTCCT
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GATGGCACATCCACTGCTTCTTACAGCAGCAGGCTCCGCCGAGTCTGTTCTCCTTCT
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TTCTGAGACCACCTGGAATGCCAGGACTCCGAGGGCCCTTACCCCGACTTTTACCTCCA
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GGTCCCTCCTCGTGGACCCCAAGGCTACCTCCCTGCACCTCCAGGTATTCT
CCACCTCGTCTGGCATGATGCGCCACCTTTGGTGCCTCCCTTGGACCTGCCCTCCCT
GGGCTGTCCACAGCTCCCTTGCCAAACCTGGGGTTTTAAGTGCCCCACCAACTTG
ATTCAGCGACCAAGCGGATGATACAAGTGCAGCCACCATTGAGAAGAAAGCCACAGCA
ACCATCAGTGCCAAGCCACAGATCACTAATCCCAAGGCAGAGATTACTCGATTTGTGCC
ACTGCACTGAGAGTACGTGCGGAGAATAAAGGGGCTACTGCTGCTCCCAAGAAAGTCA
GAGGATGATTCTGCTGTGCCTTTGCCAAAGCAGCACCCAAATCTGGTCCTTCTGTTCT
GTCTCAGTACAACTAAGGATGATGTCTATGAGGCTTTCATGAAAGAGATGGAAGGGCTA
CTGTGA
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Clone variation with respect to NM_016312.2

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_016312 unedited</p> <pre>TGTATACGACTCACTATAGGCGGCCGGAATTCGCACGGGGCGGAGGGGCGCGAGGTTTC AAGATGGCGGTAGCTGAGGGGTTGACCGAGAGACCCAGTTGAAGGCCTTTACGAAGTGAA AGAGGCCGGGAGTCGCCCCCTACCCGCTTCTCGTAGTCTGGGAGCACAGCAGAAGTGTT TTTCTTTTTTAAATGAACAAGTAAACCATACAAATTGTCAACATGGGACGGAGATCTACA TCATCCACCAAGAGTGGAAAATTTATGAACCCACAGACCAAGCCCGAAAGGAAGCCCGG AAGAGAGAATTAAGAAGAACAACAAAAACAGCGCATGATGGTTCCGAGCTGCAGTTTTAAAG ATGAAGGATCCAAAACAGATAATCCGAGACATGGAGAAATGGATGAAATGGAGTTAAC CCAAGTGAACAGCCACAATTAATGAGAAAGTACTGAAAGACAAGCGTAAAAAGTGCCT GAAACCTTTGAACGTATTCTACGACTCTATGAAAAAGAGAATCCAGATATTTACAAAGAA TTGAGAAAGCTAGAAGTAGAATATGAACAGAAGAGGGCTCAACTAGCCAATATTTTGGAT GCTGTCAAGAATGCTCAGCATGTGGAAGTGGAGAGTATTCCTTTGCCAGATATGCCACAT GCTCCTTCCAACATTNTGATCCAGGACATTCCACTTCTGGTGCCAGCCACCCTCTATC CTAAGAANACCTCAGCCTATGGACCTCCAACCTCGGGCAGTTTCTATCCTTCTCTTCTT GGACATGGTGTTCCACGNNTTTGGCCCTGGCAGAAAACCTNCTGGNCCCCTCCCCTGGTC CACCTNCTNCTCAGTCGTGCAGATGTATGGCCGTAAGTGGGTTNTGCCCTAAATCTT TCCCCTCGTNAGCGAGATGAAGACATGTNATATAGTCC</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_016312 unedited</p> <pre>TTTTCCCCCTCCCCCCCCCCCCCCCCCTTCTATTTGACTCTAGTACCCGGCCCCGCAT ACCACGATCGGCTTTTTTTTTTTTTTTTTTGGCGTAGAAAATTATTATTTCCCAAATCAC TGAAAGTTTAGTCAGTGGGCAAATAATTTTAAATCAAATAATTGTACATAATTCTCTCCA CATATCCTGCCTTGATTCAGGAAATGACATTGTGATCCATTTTATTACAAGTAAATAT TACAAAATATTTACAGGAAAATATTAATAAATACTCAAACACAAAAGGCAAGATGAAATA AACTGTTTTTTTTTCTCCAGAAATCTCTACTCCAGTGCCACAGCACACAAGAGTCAAAA CAAATAAGCAACTAAGATCCCCCGATCACAATTTCCAAGAAGTGGAGGAGGGGAAGAA ACAGGGTGAAAATGGTGGTATGAAAGGGAATGGATGTTAGCAGCACTGCTTCAATAACTG ATCTATTCTGGATGAAATACCCTTTTTTATGTGCAGTAAATCTGAACAAGGCTAAATTT TAGGATATTCCTTGAAGTAAATACAAAATACCCTGACAATGGAAGCAGCTCTTTCATC TAAGTTTAAATAAGAGCCTCTTTCTCCATGGGCCACTGTTGTGAACAGAAGCCTTTTCTGG CATCAAAAAGCGTCACAGTAGCCCTTCCATCTTTTCATGAAAGCCTCATAGACATCATCC CTTATTTGTAAGTACTGAGACAGGAACAGAAGGACCAGATTTGGGTGCTGCTTTGGCCAGAGGC ACAGCAGAATCATTCTCTGACTTTCTTTGTGGAGCAGTAGTAACCCCTTATTTCCCGA GTAATCTCAGTGCAGGGGCCACAATCGATAAATTTGCCCTGGGAATAAAGAAGTGTGG CCTTGCCATTGAAGCTGCTGTGGCTTTT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_016312
Insert Size:	2790 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_016312.2](#), [NP_057396.1](#)

RefSeq Size: 2690 bp

RefSeq ORF: 1926 bp

Locus ID: 51729

UniProt ID: [Q9Y2W2](#)

Cytogenetics: 12p12.3

Protein Pathways: Spliceosome

Gene Summary: This gene encodes a nuclear protein, which colocalizes with mRNA splicing factors and intermediate filament-containing perinuclear networks. This protein has 95% amino acid sequence identity to the mouse Wbp11 protein. It contains two proline-rich regions that bind to the WW domain of Npw38, a nuclear protein, and thus this protein is also called Npw38-binding protein NpwBP. The Npw38-NpwBP complex may function as a component of an mRNA factory in the nucleus. [provided by RefSeq, Jul 2008]