

Product datasheet for **RC200214**

WBP11 (NM_016312) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WBP11 (NM_016312) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	WBP11
Synonyms:	BUG13; CFAP90; FAP90; NPWBP; PPP1R165; SIPP1; VCTERL; VCTRL; WBP-11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RC200214 representing NM_016312
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGACGGAGATCTACATCATCCACCAAGAGTGGAAAATTTATGAACCCACAGACCAAGCCGAAAGG
 AAGCCCGAAGAGAGAATTAAGAAGAACAAAAACAGCGCATGATGGTTCGAGCTGCAGTTTTAAAGAT
 GAAGGATCCAAAACAGATAATCCGAGACATGGAGAAATTGGATGAAATGGAGTTTAAACCCAGTGCACAG
 CCACAATTAATGAGAAAGTACTGAAAGACAAGCGTAAAAAGCTGCGTGAAACCTTTGAACGTATTCTAC
 GACTCTATGAAAAAGAGAATCCAGATATTTACAAAGAATTGAGAAAGCTAGAAGTAGAATATGAACAGAA
 GAGGGCTCAACTAGCCAATATTTGATGCTGTCAAGAATGCTCAGCATGTGGAAGTGGAGAGTATTCTCT
 TTGCCAGATATGCCACATGCTCCTTCCAACATTTTATCCAGGACATTCCACTTCTGGTGCCAGCCAC
 CCTCTATCCTAAAGAAAACCTCAGCCTATGGACCTCCAACCTCGGGCAGTTTCTATCCTTCTCTTCTGG
 ACATGGTGTTCACGTTTGGCCCTGGCAGAAAACCTCCTGGCCCTCCCCTGGTCCACCTCCTCCTCAA
 GTCGTGCAGATGTATGGCCGTAAAGTGGGTTTTGCCCTAGATCTTCCCCCTCGTAGGCGAGATGAAGACA
 TGGTATATAGTCCTGAACCTGGCCAGCGAGGTCATGATGATGATGTTTCTAGCACCAGTGAAGATGATGG
 CTATCCTGAGGACATGGATCAAGATAAGCATGATGACAGTACTGATGACAGTGACACCGACAAAATCAGAT
 GGAGAAAGTGACGGGGATGAATTTGTGCACCGTGATAATGGTGAGAGAGACAACAATGAAGAAAAGAAGT
 CAGGTCTGAGTGTACGGTTTGCAGATATGCCTGGAAAAACAAGGAAGAAAAGAAGAATGAAGGAACT
 GACTCCTCTTCAAGCCATGATGCTTCGTATGCCAGGTCAAGAAAATCCCTGAGGAGGGACGGGAAGTAGAG
 GAATTTTCAGAGGACGATGATGAAGATGATTCTGATGACTCTGAAGCAGAAAAGCAATCACAAAAGCAGC
 ATAAAGAGGAATCCCATTCTGATGGCACATCCACTGCTTCTTACAGCAGCAGGCTCCGCCGAGTCTGT
 TCCTCCTTCTCAGATACAAGCACCTCCCATGCCAGGACCACCACCTCTTGGACCACCACCTGCTCCACCA
 TTACGGCCTCCTGGGCCACCTACAGGCCTTCTCCTGGTCCACCTCCAGGAGCTCCTCCATTCTGAGAC
 CACCTGGAATGCCAGGACTCCGAGGGCCCTTACCCGACTTTTACCTCCAGGACCACCACCGCCGACC
 CCCTGGCCCTCCCCAGGTCCACCTCCAGGTCTGCCTCCTGGTCCCCCTCCTCGTGGACCCCAACCAAGG
 CTACCTCCCCCTGCACCTCCAGGTATTCTCCACCTCGTCTGGCATGATGCGCCACCTTTGGTGCCTC
 CCCTTGGACCTGCCCCCCTGGGCTGTTCCACCAGCTCCCTTGCCAAACCTGGGGTTTTAAGTGCCCC
 ACCCAACTTGATTCAGCGACCCAAGGCGGATGATAACAAGTGCAGCCACCATTGAGAAGAAAGCCACAGCA
 ACCATCAGTGCCAAGCCACAGATCACTAATCCCAAGGCAGAGATTACTCGATTTGTGCCACTGCACTGA
 GAGTACGTCGGGAGAATAAAGGGGCTACTGCTGCTCCCCAAAGAAAGTCAGAGGATGATTCTGCTGTGCC
 TCTTGCCAAAGCAGCACCCAAATCTGGTCTTCTGTTCTGTCTCAGTACAAACTAAGGATGATGTCTAT
 GAGGCTTTCATGAAAGAGATGGAAGGGCTACTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC200214 representing NM_016312
Red=Cloning site Green=Tags(s)

MGRRSTSTKSGKFMNPTDQARKEARKRELKKNKKQRMVRAAVLKMKDPKQIIRDMEKLDMEFNPVQQ
 PQLNEKVLKDKRKLRETFERILRLYEKENPDIYKELRKLEVEYEQKRAQLSQYFDAVKNAQHVEVESIP
 LPDMPHAPSNILIQDIPLPGAQPPSILKKTSAYGPPTRAVSILPLLGHGVPRLPPGRKPPGPPPPPPQ
 VVQMYGRKVGFFALDLPPRRRDEDMLYSPELAQRGHDDVSTSEDDGYPEDMDQDKHDDSTDDSDTKSD
 GESDGDDEFVHRDNGERDNNEEKKSGLSVRFADMPGKSRKKKNMKELTPLQAMMLRMAGQEIPPEGREVE
 EFSEDDDEDDSDSEAEKQSQKHKEESHSDGTSTASSQQAPPQSVPPSQIQAPPMPGPPPLGPPPAPP
 LRPPGPPTGLPPGPPGAPPFLRPPGMPGLRGLPRLPPGPPGRPPGPPGPPPLPPGPPPRGPPPR
 LPPAPPGIPPPFGMMRPLVPLGPAPPGLFPPAPLPNGVL SAPPNLIQRPKADDTSAATIEKKATA
 TISAKPQITNPKAEITRFVPTALRVRRENKGATAAPQRKSEDDSAVPLAKAAPKSGSPVSVQTKDDVY
 EAFMKEMEGLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8112_a08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_016312

ORF Size: 1923 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_016312.3](#)

RefSeq Size: 2690 bp

RefSeq ORF: 1926 bp

Locus ID: 51729

UniProt ID: [Q9Y2W2](#)

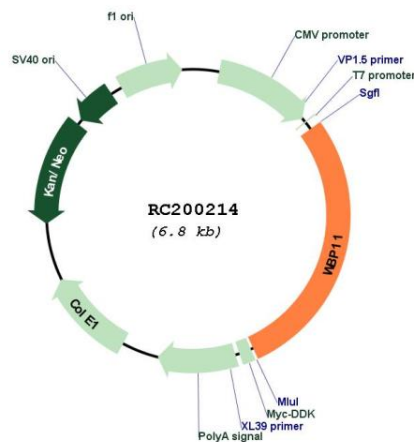
Cytogenetics: 12p12.3

Protein Pathways: Spliceosome

MW: 69.8 kDa

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]

Product images:



Circular map for RC200214