

Product datasheet for **RR217031**

Wbp11 (NM_001303017) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wbp11 (NM_001303017) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Wbp11
Synonyms:	wbp-11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RR217031 representing NM_001303017
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGACGAAGATCAACATCCTCCACCAAGAGTGGGAAGTTTATGAACCCACAGACCAAGCCGAAAAG
 AAGCCCGAAAAGAGAGTTGAAAAAGAACAAAAACAGCGCATGATGGTCCGAGCTGCAGTTTTGAAGAT
 GAAAGACCCCAAGCAGATTATCCGGGACATGGAGAAATTGGATGAAATGGAGTTTAAACCCAGTGCACAG
 CCGCAGTTGAATGAAAAAGTACTGAAAGACAAGCGTAAAAAGCTGCGAGAAAACCTTTGAACGAATTCTGC
 GGCTCTATGAGAAAGAAAACCCAGACATCTACAAAGAGCTGAGGAAGCTGGAAGTGGAGTACGAGCAGAA
 GAGGGCGCAGCTGAGCCAGTACTTTGATGCCGTCAAGAACGCCAGCATGTGGAAGTAGAGAGCATCCCT
 CTGCCAGATATGCCGCATGCCCTTCCAACATCCTGATCCAGGACATTCTCTTCTGGTGGCCAGCCAC
 CCTCTATCCTGAAGAAAACCTCGGCATATGGCCCTCCAACCTGAGCAGTTTCTATCCTTCTCTCTGGG
 ACACGGTGTTCACGTTTGCCCCCTGGCAGAAAACCGCCTGGCCCTCCACCTGGCCACCTCCTCCTCAA
 GTTCTGCAGATGTATGGCCGTAAAGTGGGCTTTGCTCTCGATCTTCCCCCTCGGAGGCGAGATGAAGACA
 TGCTGTACAGTCCGGAATTGCTCAGCGGGGCCATGATGATGACATGTCCAGCACCAGTGGAGACGACGG
 CTATCCTGAGGACATGGATCAGGATAAGCACGATGACAGTACTGAGGACAGTGCAGTGCAGATCCGAT
 GCAGAAAGTGTGGGGATGAGTTCGGCCACCGTGACGACAGTGCAGCGTGACAACACTGAGGAGAAGAAGT
 CAGGTCTGAGCGTCCGGTTTGCAGATATGCCTGGGAAATCTAGGAAGAAGAAGAACAATGAAGGAGCT
 GACTCCTCTTCAAGCCATGATGCTGCGAATGGCAGGTGAGGAAATCCCTGAGGAAGGACGGGAAGTGGAG
 GAGTTTTAGAGGAGGAGGACGACGACGACTCTGAGGACTCTGAGGCAGAGAAGCCATCGCAGAAGCAGC
 ATAAAGAGGATCCCACGCTGACGGCTCCTCGGCCGCTCTTACAGCAGCAGGCCCTCCACAGGCCGT
 TCCTCCTTCTCAGATACAAGCACCTCCCATGCCAGGACCGCCACCTCTCGGACCACCGCCTGCCCCACC
 TTACGGCCTCCTGGACCCTACAGGCCTTCTCCTGGGCCACCTCCAGGGGCTCCTCCATTCTGAGAC
 CACCTGGGATGCCAGGAATCCGAGGGCCTTTACCACGGCTTTTACCTCCAGGACCACCAGGCCGACC
 TCCTGGCCCTCCGCCAGGCCACCTCCAGGTCTCCCCCTGGGCCCTCCTCGAGGACCCCAACGAAG
 CTACCTCCTCCTGCACCTCCAGGTATCCCTCCTCCTCGTCTGGCATGATGCGCCCTCCGTTGGTGCCTC
 CTCTGGACCTGCCCCGCTGGCCTTTTCCCGCCAGCTCCCTTACCAACCCAGGGGTGTTGAGTGGCC
 ACCCAGCCTCATTGAGCAGCCGAAGGCGGATGATGCAAGTGCAGCCACCATCGAGAAGAAGGCCACAGCG
 ACCATCAGTGCCAGCCAGATCACCATCCCAAGGCAGAGGTACACGTTTGTGCCACTGCACTGA
 GGGTGCGCCGCGAGAATAAGGGGCTACTGCCGTTCCCAAGAAGGTGAGAGGAGGACTCTGCTGTGCC
 TGTGGCCAAAGCAGCCCCAGATCTGGGCTTTCAGTTCCTGTGTGCGTACAGACTAAGGACGATGTCTAT
 GAAGCGTTTATGAAAGAGATGGAAGGGCTGCTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR217031 representing NM_001303017
Red=Cloning site Green=Tags(s)

MGRRSTSSTKSGKFMNPTDQARKEARKRELKKNKKQRMVRAAVLKMKDPKQIIRDMEKLDMEFNPVQQ
 PQLNEKVLKDKRKLRETFERILRLYEKENPDIYKELRKLEVEYEQKRAQLSQYFDAVKNAQHVEVESIP
 LPDMPHAPSNILIQDIPLGAQPPSILKKTSAYGPPTRAVSILPLLGHGVPRLPPGRKPPGPPPPPPQ
 VLQMYGRKVGAFALDLPPRRRDEDMLYSPELAQRGHDDMSSTSEDDGYPEDMDQDKHDDSTEDSDTDRSD
 AESDGDEFGRDDSERDNTTEKKSGLSVRFADMPGKSRKKKKNMKELTPLQAMMLRMAGQEIPEEGREVE
 EFSEEDDDSDSEAEKPSQKQHKEDSHADGSSAASSQQQAPPQAVPPSQIQAPMPGPPPLGPPPAPP
 LRPPGPPTGLPPGPPPGAPPFLRPPGMPGIRGPLRLLPPGPPGRPPGPPGPPPLPPGPPPRGPPPR
 LPPAPPGIPPPFGMMRPLVPLGPAPPGLFPPAPLPNGVL SAPP SLIQRPKADDASAATIEKKATA
 TISAKPQITNPKAEVTRFVPTALRVRRENKGATAVPQRRSEDSAVPVAKAAPRSGSPVSVQTKDDVY
 EAFMKEMEGLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001303017

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_001303017.1](#), [NP_001289946.1](#)

RefSeq Size: 2598 bp

RefSeq ORF: 1926 bp

Locus ID: 297695

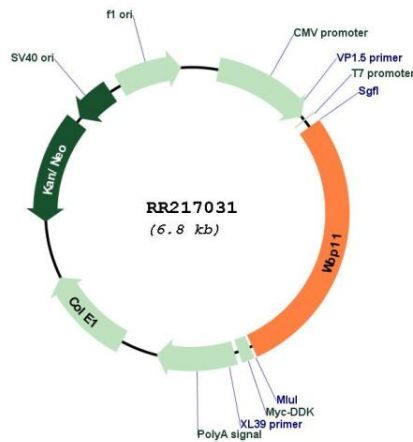
UniProt ID: [Q5PQQ2](#)

Cytogenetics: 4q43

MW: 70 kDa

Gene Summary: Activates pre-mRNA splicing. May inhibit PP1 phosphatase activity (By similarity).
[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RR217031