

Product datasheet for **RR210178**

Wbp11 (NM_001009661) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wbp11 (NM_001009661) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Wbp11
Synonyms:	wbp-11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide
Sequence:

>RR210178 representing NM_001009661
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGACGAAGATCAACATCCTCCACCAAGAGTGGGAAGTTTATGAACCCACAGACCAAGCCCGAAAAG
AAGCCCGAAAAGAGAGTTGAAAAAGAACAAAAACAGCGCATGATGGTCCGAGCTGCAGTTTTGAAGAT
GAAAGACCCCAAGCAGATTATCCGGGACATGGAGAAATTGGATGAAATGGAGTTTAAACCCAGTGCACAG
CCGCGAGTTGAATGAAAAAGTACTGAAAGACAAGCGTAAAAAGCTGCGAGAAAACCTTTGAACGAATTCTGC
GGCTCTATGAGAAAGAAAACCCAGACATCTACAAAGAGCTGAGGAAGCTGGAAGTGGAGTACGAGCGAA
GAGGGCGCAGCTGAGCCAGTACTTTGATGCCGTCAAGAACGCCAGCATGTGGAAGTAGAGAGCATCCCT
CTGCCAGATAGCCGCATGCCCTTCCAACATCCTGATCCAGGACATTCTCTTCTGGTGGCCAGCCAC
CCTCTATCCTGAAGAAAACCTCGGCATATGGGCCCTCAACTCGAGCAGTTTCTATCCTTCTCTCTGGG
ACACGGTGTTCACGTTTGCCCTTGGCAGAAAACCGCCTGGCCCTCCACCTGGCCACCTCCTCCTCAA
GTTCTGCAGATGTATGGCCGTAAAGTGGGCTTTGCTCTCGATCTTCCCTCGGAGGCGAGATGAAGACA
TGCTGTACAGTCCGGAATTGCTCAGCGGGCCATGATGATGACATGTCCAGCACCAGTGGAGACGACGG
CTATCCTGAGGACATGGATCAGGATAAGCACGATGACAGTACTGAGGACAGTGCAGTGCAGATCCGAT
GCAGAAAGTGTGGGGATGAGTTCGGCCACCGTGACGACAGTGCAGCGTGAACAACACTGAGGAGAAGAAGT
CAGGTCTGAGCGTCCGGTTTGCAGATATGCCTGGGAAATCTAGGAAGAAGAAGAACAATGAAGGAGCT
GACTCCTCTTCAAGCCATGATGCTGCGAATGGCAGGTGAGGAAATCCCTGAGGAAGGACGGGAAGTGGAG
GAGTTTTAGAGGAGGAGGACGACGACGACTCTGAGGACTCTGAGGCAGAGAAGCCATCGCAGAAGCAGC
ATAAAGAGGATTCACGCTGACGGCTCCTCGGCCCTTTCACAGCAGCAGGCCCTCCACAGGCCGT
TCCTCCTTCTCAGATACAAGCACCTCCCATGCCAGGACCGCCACCTCTCGGACCACCGCCTGCCCAACC
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CACCTGGGATGCCAGGAATCCGAGGGCCTTACCACGGCTTTTACCTCCAGGACCACCAGGCCGACC
TCCTGGCCCTCCGCCAGGCCACCTCCAGGTCTCCCCCTGGGCCCTCCTCGAGGACCCCAACCAAGG
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CTTTGGACCTGCCCCGCTGGCCTTTCCCGCCAGCTCCCTACCCAACCCAGGGGTGTTGAGTGGCC
ACCCAGCCTCATTGAGCGACCGAAGGCGGATGATGCAAGTGCAGCCACCATCGAGAAGAAGGCCACAGCG
ACCATCAGTGCCAGCCAGATCACCATCCCAAGGCAGAGGTACACGTTTTGTGCCACTGCACTGA
GGGTGCGCCGCGAGAATAAGGGGCTACTGCCGTTCCCAAGAAAGGTCAGAGGAGGACTCTGCTGTGCC
TGTGGCCAAAGCAGCCCCAGATCTGGGCCTTCAAGTTCCTGTGTGCGTACAGACTAAGGACGATGTCTAT
GAAGCGTTTATGAAAGAGATGGAAGGGCTGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR210178 representing NM_001009661
 Red=Cloning site Green=Tags(s)

MGRRSTSSTKSGKFMNPTDQARKEARKRELKKNKKQRMVRAAVLKMKDPKQIIRDMEKLDMEFNPVQQ
 PQLNEKVLKDKRKKLRETFERILRLYEKENPDIYKELRKLEVEYEQKRAQLSQYFQAVKNAQHVESIP
 LPDMPHAPSNILIQDIPLPGAQPPSILKKTSAIYGPPTRAVSILPLLGHGVPRLPPGRKPPGPPPPPPQ
 VLQMYGRKVGAFALDLPPRRRDEDMLYSPELAQRGHDDMSSTSEDDGYPEDMDQDKHDDSTEDSDTRSD
 AESDGDEFGHRDDSERDNTEKKSGLSVRFADMPGKSRKKKKNMKELTPLQAMMLRMAGQEIPPEGREVE
 EFSEEDDDSDSEAEKPSQKQHKEDSHADGSSAASSQQQAPPQAVPPSQIQAPMPGPPPLGPPPAPP
 LRPPGPPTGLPPGPPGAPPFLRPPGMPGIRGLPRLPPGPPGRPPGPPGPPPLPPGPPPRGPPPR
 LPPAPPGIPPPFGMMRPLVPPLGPAPPGLFPPAPLPNGVL SAPP SLIQRPKADDASAATIEKKATA
 TISAKPQITNPKAEVTRFVPTALRVRRENKGATAVPQRRSEEDSAVPVAKAAPRSGSPVPSVQTKDDVY
 EAFMKEMEGLL

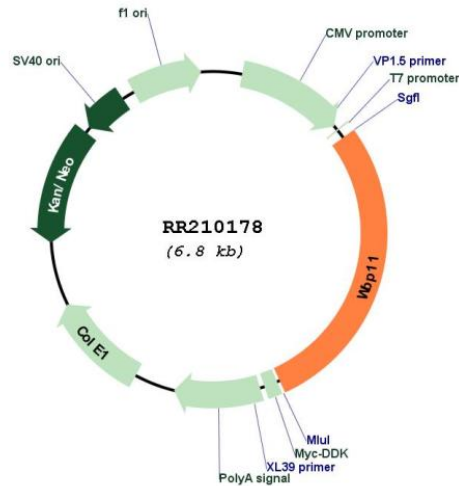
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_001009661

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_001009661.2](#), [NP_001009661.1](#)

RefSeq Size: 2600 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]