

## Product datasheet for **RN210178**

### **Wbp11 (NM\_001009661) Rat Untagged Clone**

#### **Product data:**

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



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**Fully Sequenced ORF:** >RN210178 representing NM\_001009661  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGACGAAGATCAACATCCTCCACCAAGAGTGGGAAGTTTATGAACCCACAGACCAAGCCCGAAAAG  
 AAGCCCGAAAAGAGAGTTGAAAAAGAACAAAAACAGCGCATGATGGTCCGAGCTGCAGTTTTGAAGAT  
 GAAAGACCCCAAGCAGATTATCCGGGACATGGAGAAATTGGATGAAATGGAGTTTAAACCCAGTGAACAG  
 CCGCAGTTGAATGAAAAAGTACTGAAAGACAAGCGTAAAAAGCTGCGAGAAACCTTTGAACGAATTCTGC  
 GGCTCTATGAGAAAGAAAACCCAGACATCTACAAAGAGCTGAGGAAGCTGGAAGTGGAGTACGAGCAGAA  
 GAGGGCGCAGCTGAGCCAGTACTTTGATGCCGTCAAGAACGCCAGCATGTGGAAGTAGAGAGCATCCCT  
 CTGCCAGATAGCCGCATGCCCTTCCAACATCCTGATCCAGGACATTCTCTTCTGGTGGCCAGCCAC  
 CCTCTATCCTGAAGAAAACCTCGGCATATGGCCCTCCAACCTGAGCAGTTTCTATCCTTCTCTCTGGG  
 ACACGGTGTTCACGTTTGGCCCTGGCAGAAAACCGCCTGGCCCTCCACCTGGCCACCTCCTCCTCAA  
 GTTCTGCAGATGTATGGCCGTAAAGTGGGCTTTGCTCTCGATTTCCCCCTCGGAGGCGAGATGAAGACA  
 TGCTGTACAGTCCGGAATTGCTCAGCGGGCCATGATGATGACATGTCCAGCACCAGTGGAGACGACGG  
 CTATCCTGAGGACATGGATCAGGATAAGCACGATGACAGTACTGAGGACAGTACTGACAGATCCGAT  
 GCAGAAAGTGTGGGGATGAGTTCGGCCACCGTACGACAGTGGAGTGAACAACACTGAGGAGAAGAAGT  
 CAGGTCTGAGCGTCCGGTTTGCAGATATGCCTGGGAAATCTAGGAAGAAGAAGAACAATGAAGGAGCT  
 GACTCCTCTCAAGCCATGATGCTGCGAATGGCAGGTGAGGAAATCCCTGAGGAAGGACGGGAAGTGGAG  
 GAGTTTTAGAGGAGGAGGACGACGACGACTCTGAGGACTCTGAGGACAGAGAAGCCATCGCAGAAGCAGC  
 ATAAAGAGGATCCCACGCTGACGGCTCCTCGGCCGCTTTCCACAGCAGCAGGCCCTCCACAGGCCGT  
 TCCTCCTTCTCAGATACAAGCACCTCCCATGCCAGGACCGCCACCTCTCGGACCACCGCCTGCCCCACC  
 TTACGGCCTCCTGGACCCTACAGGCCTTCTCCTGGGCCACCTCCAGGGGCTCCTCCATTCTGAGAC  
 CACCTGGGATGCCAGGAATCCGAGGGCCTTTACCACGGCTTTTACCTCCAGGACCACCAGGCCGACC  
 TCCTGGCCCTCCGCCAGGCCACCTCCAGGTCTCCCCCTGGGCCCTCCTCGAGGACCCCAACCAAGG  
 CTACCTCCTCCTGCACCTCCAGGTATCCCTCCTCCTCGTCTGGCATGATGCGCCCTCCGTTGGTGCCTC  
 CTCTGGACCTGCCCGCCTGGCCTTTTCCCGCCAGCTCCCTTACCAACCCAGGGGTGTTGAGTGGCC  
 ACCCAGCCTCATTAGCGACCGAAGGCGGATGATGCAAGTGCAGCCACCATCGAGAAGAAGGCCACAGCG  
 ACCATCAGTGCCAAGCCAGATCACCATCCCAAGGCAGAGGTACACGTTTTGTGCCACTGCACTGA  
 GGTGCGCCGCGAGAATAAGGGGCTACTGCCGTTCCCAAGAAGGTCAGAGGAGGACTCTGCTGTGCC  
 TGTGGCCAAAGCAGCCCCAGATCTGGCCCTTCAAGTTCCTGTGTGCGTACAGACTAAGGACGATGTCTAT  
 GAAGCGTTTATGAAAGAGATGGAAGGGCTGCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001009661

**Insert Size:** 1926 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\\_001009661.2](#), [NP\\_001009661.1](#)

**RefSeq Size:** 2600 bp

**RefSeq ORF:** 1926 bp

**Locus ID:** 297695

**UniProt ID:** [Q5PQQ2](#)

**Cytogenetics:** 4q43

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

Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.