

## Product datasheet for **MG216812**

### **Wbp1 (NM\_016757) Mouse Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Wbp1
Synonyms:	AI255152
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

**ORF Nucleotide Sequence:** >MG216812 representing NM\_016757  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCTCGGGCCAGCAGCAGGAACAGCAGCGAAGAGGCCTGGGGTCACTTCAGGCGCCGCAACAGCAGC  
AGAGTCCGGCAGCATCTTCTCTTGAGGGAGCAATTTGGAGACGAGCTGGAACCCAGACTCGCGCCCTGGA  
TACCATCCTTTATCATCCACAGCAATCCCATCTGCTTCGAGAGCTGTGCCAGGAGTGAATACCCAGCCC  
TACCTCTGTGAGACTGGTCATTGCTGTGGGAGACTGGCTGCTGCACCTACTACTATGAACCTGGTGGT  
TCTGGCTGCTTTGGACTGTCTCATCCTCTTTAGCTGCTGTTGTGCCCTCCGCCACCGAAGGGCTAAACT  
CAGGCTGCAACAGCAACAGCGCAGCGTGAAATCAACTTGTGGCTTACCATGGGGCATGCCACGGGGCT  
GGCCCTGTTCCAACCGGTTCACTGCTTGACCTTCGCTCCTCAGCGCCTCAAACCCAGCCTACGAGG  
ATGTGGTTCACCACCCAGGCACACCGCCACCTCCTTACTGTGGGCCAGGCTACCCTTGGACTACTTC  
CAGTGAATGCACCCGCTGCTCTCCGAATCCAGCTGCTCTGCCACTTGAGGGGACAAATGTAGAAGGT  
GTTTCCTCCAGCAGAGTGCTCTCCCTCACCAGGAGGGTGAGCCCAGGGCAGGATTGAGCCCAGTTCACA  
TACCCCTTCTGCCGCTATCGTCGCTAACTGGTGACTCGGGTATTGAGCTCTGCCCTTGTCTGACTC  
CAGTGAAGGTGAGCCACTCAAGGAAGCGAGGGCTAGTGCCTCCAGCCAGATCTGGAAGACCATTCCCCT  
TGTGCACTGCCCCAGATTCTGTGTCCAAAGTTCTCCATGGGGCTGGCTTCTAGTTGTGGGGACATCC  
CA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



**Protein Sequence:** >MG216812 representing NM\_016757  
 Red=Cloning site Green=Tags(s)

MARASSRNSSEEAWGSLQAPQQQSPAASSLEGAIWRRAGTQTRALDITLYHPQQSHLLRELCPGVNTQP  
 YLCETGHCCGETGCCTYYELWWFLLWTVLILFSCCAFRHRRAKLRLQQQRQREINLLAYHGACHGA  
 GPVPTGSLDLRLLSAFKPPAYEDVVHHPGTPPPPYTVGPGYPWTTSSSECTRCSESSCSAHLEGTNVEG  
 VSSQQSALPHQEGEPAGLSPVHIPPSCRYPRLTGDSGIELCPCPDSSEGEPLKEARASASQPDLEDHSP  
 CALPPDSVSQVPPMGLASSCGDIP

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**ACCN:** NM\_016757

**ORF Size:** 912 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_016757.2](#), [NP\\_058037.2](#)

**RefSeq Size:** 1338 bp

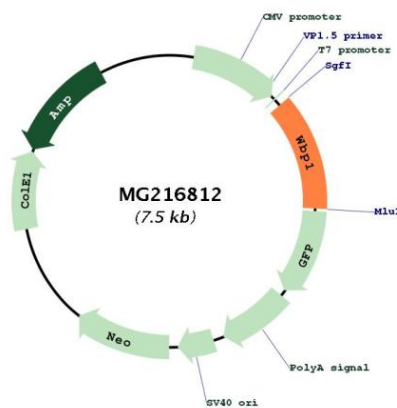
**RefSeq ORF:** 915 bp

**Locus ID:** 22377

**UniProt ID:** [P97764](#)

**Cytogenetics:** 6 C3

**Product images:**



Circular map for MG216812