

Product datasheet for **MG220672**

Wbp11 (NM_021714) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wbp11 (NM_021714) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Wbp11
Synonyms:	2510026P17Rik; D6Wsu113e; Npwbp; SIPP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG220672 representing NM_021714
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGACGAAGATCAACATCCTCCACCAAGAGTGGGAAGTTTATGAACCCACAGACCAAGCCGAAAGG
 AAGCCCGAAAAAGAGAAGCTGAAAAAGAACAAAAACAGCGCATGATGGTCCGGGCTGCAGTTTTGAAGAT
 GAAAGACCCCAAAATAATTATCCGGGACATGGAGAAATTGGATGAAATGGAGTTTAAACCCAGTGCAGCAG
 CCACAGTTGAATGAGAAAGTACTGAAAGACAAGCGAAAAAGCTGCGGGAACCTTTGAACGCATTCTAC
 GCCTTTATGAAAAAGAAAACCCAGATATTTACAAAGAAGCTGAGAAAGCTGGAAGTGAATATGAACAGAA
 GAGAGCTCAGCTGAGCCAGTACTTTGATGCTGTTAAGAATGCTCAGCATGTGGAAGTAGAGAGCATCCCT
 TTGCCAGACATGCCGCATGCTCCTTCCAACATCTTGATCCAGGACATTCTCTTCTGCTGCACAGCCCC
 CCTCCATCCTGAAGAAAACCTCAGCGTATGGGCCCTCCAGCTCGGGCCGTGTCTATCTTCTCTCCTGGG
 ACATGGTGTTCCTCGCTTCCCCCTGGCCAGAAAACCGCCCGGCCCTCCACCTGGCCCCCTCCTCCTCAG
 GTTCTGCAGATGTATGGCCGAAAGTGGGCTTCGCTCTAGATCTTCCCCCGGGAGGCGAGATGAGGACA
 TGCTGTATAGTCCAGAGCTTGCTCAGCGGGTCTATGACGATGACATGTCCAGCACCAGTGAAGACGACGG
 CTATCCTGAGGACATGGATCAGGATAAGCATGATGACAGTACTGAGGACAGTGCAGTGCAGAGTGCAGT
 GCAGAGAGTGACGGGATGAGTTCGGGCACCGCGAGGACAGTGCAGCGCAACACTGAGGAGAAGAAGT
 CAGGTCTAAGCGTCAGATTTGCTGATATGCCTGGGAAATCAAGGAAGAAGAAGAAAAACATGAAGGAGCT
 GACTCCTCTCAAGCCATGATGCTGCGAATGGCAGGTGAGGAAATCCCTGAGGAAGGACGGGAAGTGGAG
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 TCCTGCTTCTCAGATACAAGCCCTCCCATGCCAGGACCACCACCTCTTGACCACCACCTGCCCCACCC
 TTACGGCCTCCTGGACCCTACAGGCCTTCTCCTGGGCCCTCCAGGGCTCCTCCATTCTGAGAC
 CACCTGGAATGCCAGGAATCCGAGGGCCTTTACCAGACTTTTACCTCCAGGACCACCACCAGGCCGACC
 TCCTGGCCCTCCCCAGGCCACCTCCAGGTCTGCCCCCTGGACCCCTCCTCGGGGACCCCAACCAAGG
 CTACCTCCTCCTGCACCTCCAGGTATCCCTCCTCCTGCTCCTGGCATGATGCGCCACCCTTGGTTCCTC
 CTCTTGGACCTGCCCGCCTGGCCTTTCCACCAGCTCCCTTGCCCAACCCAGGGGTGTTGAGTGCCCC
 ACCCAGCCTCATTGACGACCGAAGGCGGATGATGCAAGTGCCGCCACCATCGAGAAGAAAGCCACAGCG
 ACCATCAGTGCCAAAGCCAGATACCAATCCCAAGGCAGAGGTACACGTTTTGTGCCACTGCACTGA
 GGTACGCGGAGAGAATAAGGGGCTACTGCTGTTCCCAAGAAAGGTGAGAGGATGACTCTGCTGTGCC
 TGGTCCAAAGCAGCCCCGAGATCTGGTCTTCAAGTGTCTCAGTACAAACTAAGGACGATGTTTAT
 GAAGCCTTTATGAAAGAGATGGAAGGGCTGCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG220672 representing NM_021714
 Red=Cloning site Green=Tags(s)

MGRRSTSTKSGKFMNPTDQARKEARKRELKKNKKQRMVRAAVLKMKDPKQIIRDMEKLDMEFNPVQQ
 PQLNEKVLKDKRKLRETFERILRLYEKENPDIYKELRKLEVEYEQKRAQLSQYFQDAVKNAQHVEVESIP
 LPDMPHAPSNILIQDIPLGAQPPSILKKTSAYGPPARAVSILPLLGHGVPRLLPGRKPPGPPGPPPPQ
 VLQMYGRKVGFDLPPRRRDEDMLYSPELAQRGHDDMSSTSEDDGYPEDMDQKHDDSTEDSDTDRSD
 AESDGEDEFHREDSERDNTTEKKSGLSVRFADMPGKSRKKNMELTPLQAMMLRMAGQEIPPEGREVE
 EFSEEDADSDSEAEKQSQKHKDDAHSSTAAASSQQAPPQSAPASQIQAPPMPGPPPLGPPPPAPP
 LRPPGPPTGLPPGPPGAPPFLRPPGMPGIRGPLRLLPPGPPGRPPGPPGPPPLPPGPPRPPPPR
 LPPAPPGIPPPRPGMMRPLVPPLGPAPPGLFPPAPLPNPGVLSAPPSLIQRPKADDASAATIEKKATA
 TISAKPQITNPKAEVTRFVPTALRVRRENKATAVPQRRESDSAVPVAKAAPRSGPSVAVSVQTKDDVY
 EAFMKEMEGLL

TRTRPLE - GFP Tag - V

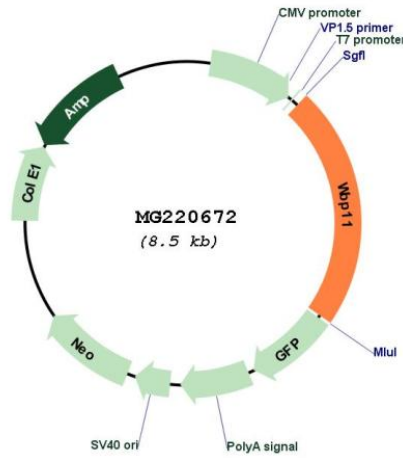
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_021714

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:	<ol style="list-style-type: none">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_021714.3
RefSeq Size:	2722 bp
RefSeq ORF:	1926 bp
Locus ID:	60321
UniProt ID:	Q923D5
Cytogenetics:	6 66.72 cM
Gene Summary:	Activates pre-mRNA splicing. May inhibit PP1 phosphatase activity.[UniProtKB/Swiss-Prot Function]