

## Product datasheet for **MG214572**

### **Fbxw19 (NM\_177703) Mouse Tagged ORF Clone**

#### **Product data:**

<b>Product Type:</b>	Expression Plasmids
<b>Tag:</b>	TurboGFP
<b>Symbol:</b>	Fbxw19
<b>Synonyms:</b>	E330023O18
<b>Mammalian Cell Selection:</b>	Neomycin
<b>Vector:</b>	pCMV6-AC-GFP (PS100010)
<b>E. coli Selection:</b>	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:** >MG214572 representing NM\_177703  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGAGATCCATCTACCTAGTTGCCTATGATGAAAACTCTCCTATCTGGATGCTTACAGTTTGCTAC  
 AGGCTGCCAAAGTGAACAAGAACTGGAATGAACTTGCAAGCAGTGATGTCTGTGGAGGAAGTTGTGTCA  
 GAAGAGATGGCTCTACTGTGACAGGGTCACCTACAGCTCCATGGCTTAGAGACATGGAAGCAGTTCTTC  
 ATTTCCAGAACATGGCAAGAACACGCCAAGACCCGGGCAAAGCCAGAAGATTTCAATTACAAGAAATTC  
 CTGTGGCATTGTAATTCGGGCACATCCATGTTATATCTCAAGGCATGGCTTAATAAGAAATGGACAAGG  
 GAAGTCTGCTGTCTGTATGGTGACTTCCACGAATAGGATTTGACCTGGGATGTTACGAGGGTGTCTATG  
 ACCTGGGTAAGCCAGTACAACCCTCTATATCACACGGATGACTACCCTCCCTGAGATGCACATTGCAG  
 TCACTATAGATATGCAATCAAATACAACTGTGGGACTGCCACAACAGGAAAGTTTGGCGACTACGGG  
 CCTGTTGTCTTCTGTCAATTACTACAAGCTGTCTTACAAATGATAGCCCAATTGTCTTGGTAGGTGAT  
 ATCTTGGGAAACCTCTACATCTTTAGGATTCCTGACTTACACCTCATTTCCAAGGTGAATGTATCCCAT  
 ACGGTATTGATGAACCTCACTGCTCTCTCAGAAGAAATGGGTCCTTCTGATAGGGAAACAAAGCATGT  
 CTTGACAAAGGTGTTTTACATGAGCAGCTTACTGAGGACATCAGAATCTCTGCCCTGTGTCTACCGAT  
 CTCAATTTTTCATTGTGCCAAAGAGCCTTCTGGACTCCAAGAAGGGAAGACAGGATAACCTTGATGTCCA  
 GACTATACCCCCAGACCCACAAAATTTGCCACATTTGATATGAAGCTGGAAGAGATCGAGAACAAGT  
 AACTATTCAAGGACATTTGGTAGCTAGTTTCTCTTTGCAAGACTGCAAGGAGCGCGCAGAATGGATGGGA  
 GTCAGTGATAAGGATGTGATTGTTTCAACTGGATCCTCTCTCTTGTCTTTCGACATAAATGGTCTCC  
 GTCTGCAGACATTTCACTACTGCCAGAAGAAATCTTGAGACTCTGTGTGGACCCTGTTTCATGTCATTGT  
 CACCTGTAACAATGGCTCTTTGGATGTGTACGTGTGGGAGGAGAGAAGCCCACTGCTTAGGAGGTGTTAT  
 CGACTACGAAAAAGGGGATATCTGCCACTGTCTGGCTTATTATCAAAACATTATGTGATGAATCAAGCA  
 TAATTTTAGTGATGACTAGTAGTCCATTCCTGCTTCTGATGGCATATACCTTGAAGTCTGCTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG214572 representing NM\_177703  
 Red=Cloning site Green=Tags(s)

MEIHLPSLPMKILSYLDAYSLLQAQVKNKNWELASSDVLWRKLCQKRWLYCDRVTLQLHGLETWKQFF  
 ISRTWQEHAKTRAKPEDFNKEIPVAFEFRAHPCYISRHGLIRNGQKSAVCMVTSTNRISTWDVHEGAM  
 TWVSPVQPSYITRMTTLPEMHIAVTIDMQSNIKLDWCHNRKVLATTGLLSSCQLLQAVFTNDSPIVLVGD  
 ILGNLYIFRIPDLHLISKVNVFPYGIDELHCSPQKQWVLLIGKQRHVLTQVYFYMSSLLRTSEFSAPVSTD  
 LKFSLCQRAFWTFRREDRITLMSSTIPPDPKFAFDKMLEEIEKNVITIQGHLVASFSLQDCKERAEWGM  
 VSKDVIIVCSTGSSLLFDINGLRLQTFQYCPPEILRLCVDPVHVIVTCNNGSLDVYVWEERSPLLRRCY  
 RLRKRGLPLSGFIKTLCEDESSIIIVMTSSPFCFLMAYTLKVCV

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_177703

**ORF Size:** 1398 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:**

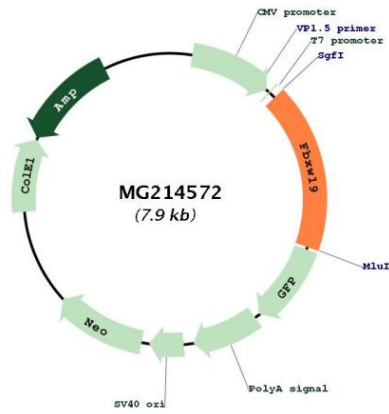
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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\\_177703.3](#), [NP\\_808371.1](#)

RefSeq Size: 1462 bp  
 RefSeq ORF: 1401 bp  
 Locus ID: 235612  
 Cytogenetics: 9 F2

**Product images:**



Circular map for MG214572