

## Product datasheet for **MR223055**

### **Fbxw2 (NM\_001164768) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fbxw2 (NM_001164768) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fbxw2
Synonyms:	2700071L08Rik; FBW2; Fwd2; MD6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR223055 representing NM\_001164768  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGAGAAAGGACTTTGAGACATGGCTTGATAACATTTCTGTTACATTTCTTTCTCTGACGGACTTGC  
 AGAAAAATGAAACTCTGGACCACCTGATTAGTCTGAGTGGGCGAGTCCAGCTCAGGCATCTCTCCAATAA  
 CCTGGAGACTCTCCTCAAGCGGGACTTCTCAAACCTTCCCCTGGAGCTCAGTTTTTATTTGTTAAAA  
 TGGCTCGATCCTCAGACTTTACTCACATGCTGCCTGGTCTCTAAGCAGTGAATAAGGTGATAAGTGCTT  
 GTACAGAGGTGTGGCAGACTGCATGTAATAAATTTGGGCTGGCAGATAGATGATTCTGTTCCAGGACTCATT  
 GCACTGGAAGAAGGTTTATTTGAAGGCTATTTGAGGATGAAGCAACTGGAGGACCATGAAGCCTTTGAG  
 ACCTCTTCGTTAATTGGACATAGTGCCAGAGTGTATGCACTTTACTACAAAGATGGACTTCTCTGTACAG  
 GGTGAGATGACTTGTCTGCAAAGCTGTGGGATGTAAGCACAGGGCAGTGTGTTTACGGCATCCAGACCCA  
 CACTTGTGCAGCTGTGAAGTTCGATGAACAGAAGCTTGTGACAGGCTCCTTTGACAACACTGTGGCCTGC  
 TGGGAGTGGAGTTCGGAGCCAGGACCCAGCACTTCCGGGGGCACACGGGGCGGTGTTCACTGTGGACT  
 ACAGTGATGAACTGGATATTTGGTGAGTGGCTCTGCGGACTTCGCTGTGAAAGTATGGGCTTTATCTGC  
 TGGGACATGCCTGAATACACTCACTGGGCATACTGAATGGGTACCAAGGTGGTTTTGCAGAAGTCAAAA  
 GTCAAGTCTCTCTGCACAGCCCTGGAGACTACATCCTCTTAAGTGCAGACAAAATAGAGATCAAGATTT  
 GGCCAATTGGGAGAGAAATCAACTGTAAGTGCTTGAAGACACTGTCTGTCTCTGAGGATAGAAGTATCTG  
 CCTGCAGCCAAGACTTCATTTTATGATGAAAATACATTGTCTGTAGTTACAGCCCTGGGTCTGTACCAAGT  
 GACTTTGCCAGTTATGATATTCTCAGGGTACAAAGACACTGAGGTAGCAAACCTGGCCTTGTCTGGCT  
 TTGGAGATGTCTCGCCCTGCTGTTTGAACAACACTACCTATATATCATGGACTTGAGGACAGAGAGCCT  
 AATTAGCCGCTGGCCTCTGCCAGAGTACAGGAAATCAAAGAGAGGCTCCAGCTTCTGGCAGGCGAAGCG  
 TCTGTTGAAATGGATTGGATGGGCACAATGACACGGGCTTAGTCTTTGCCACCAGCATGCCTGACCACA  
 GTATTCACCTGGTGTATGGAAGGAGCATTGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR223055 representing NM\_001164768  
 Red=Cloning site Green=Tags(s)

MERKDFETWLDNISVTFLSLTDLQKNETLDHLISLSGAVQLRHLNLETLLKRDFLKLPLELSFYLLK  
 WLDPQTLTCLVSKQWNKVISACTEVWQTACKNLGWQIDDSVQDSLHWKVVYLKAILRMKQLEDHEAFE  
 TSSLIGH SARVYALYYKDGLLCTGSDDL SAKLWDVSTGQCYYGIQTHTCAAVKFDEQKLVGTSFDNTVAC  
 WEWSSGARTQHFRGHTGAVFSDVYSDEL DILVSGSADF AVKVVWALSAGTCLNTLTGHEWTVKVV LQKCK  
 VKSLLHSPGDYILL SADKYEIKIWIPIGREINCKL KTLVSSEDRSICLQPRLHFDGKYIVCSSALGLYQW  
 DFASYDILRVIKTPEVANLALLGFGDVFALLFDNHLYIMDLRTESLISRWPLPEYRKS KRGS SFLAGEA  
 SWLNGLDGHNDTGLVFAT SMPDHSIHLVLWKEHC

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_001164768

**ORF Size:** 1362 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\\_001164768.1](#), [NP\\_001158240.1](#)

**RefSeq Size:** 2846 bp

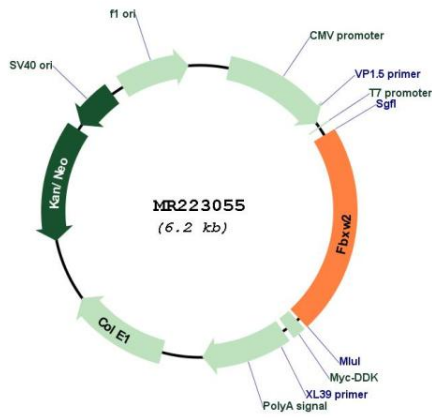
**RefSeq ORF:** 1365 bp

**Locus ID:** 30050

**Cytogenetics:** 2 B

MW: 51.9 kDa

Product images:



Circular map for MR223055