

Product datasheet for **MG215257**

Fbxw18 (NM_001033794) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxw18 (NM_001033794) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fbxw18
Synonyms:	C85627
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG215257 representing NM_001033794
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGAGACCCATTGCCTAGTTGCCTAGTTGCCTATGATGAAAATCCTCTCCTATCTGGATGCCTACA
 GTTTGCTACAGGTTGCCCAAGTGAACAAGAACTGGAATGCACTTGCAAGCAGTGATGTCCTCTGGAGGAA
 GTTGTTGTCAGAAGAGATGGCTCTACTGTGACACGGTCATCCTACAGCTCCATGACAAAGAGACATGGAAG
 CAGTTCTTTGTTAACCGAACATATCAAGAACACACCAAGACCCGGGCAAAGCCAGAAGATTTACCTACA
 AAGAAATTTGCGCAGAGACTGGAATTTGGGCATATGCATGTTATATCTCAGGGCGTGGCTTAACAAGGAA
 TGGACAAGGGACGTCGGTTGTCTGTATGTTGACTTCCATGACCAAGATTTCCACCTGGGATATTCATGAG
 GGTGTTATGACCTGGTAAGCCAGTACAGCCAACACTATCAAGCTGTTGAATACCTCCCTGAGATGC
 ACATTGCAGTCACTGTAGATATCACTCAACTATCAAAGTGTGGGACTGTAATAGCAGTGATGCTCTGGC
 GACTAACAACTGTTCTTTCCATGTCAAACACTGAAATCTGTCTTTACCAAGGATGCTGCTATTGTCTTG
 GTAAGCGATACCTTGGGTAACTCTACATCTTTAGGATTCAGATTTACACCTCATTTCCACAATCAATG
 TATTCCTACACGTTAATGAACCTCTACTGCTCTCTCAGAAGAAATGGGTCTTTCTGAGTAGGAAACA
 TCCACATATCTTGCCAAAGGTGTTTACATGAACAGCTTACTGAGGAGATCAGAATTCCTGCCCCCTGTG
 TCTACCGTTCTCAATTTTTCATTATGTGATAAAGCCTTCTGGACCCCAAGAAAGGAGACCGGATAACCC
 TGATGTCCATAAGTGCTCCCTATAAAGTCACAAAGTTTGTACATTTGATATGAAGCTGGAAGAGATCGG
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 TGCTTTGGAGTCAGTGATAAGGACGTGATTGTTGTTCAACGGGATCCTCTCTCTTGCTCTTCAGCATAT
 ATGGTGTCTGTCTGCAGACATTTGACTACTGCTCAGAAGAGATCTTGAGACTATGGTGGATCCCTTTCA
 TGTCAATTGTCACTTTTATCGATGGCTCTTTGGATGTGTACGCATGGGAGGAGAGATGCCAGCAACTCAGT
 AAGTGTATCGGCTGCAAAACAGAAGACGGCTTCCACGGCAAAGTTGCTTTGAAAAAACTTTATGTGACG
 AAGTGAGCATAATTCGGATGGTGAGAAATGGTCGAATCCCTGCTATCTGATGACATATACCTTAAACAT
 CCACTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

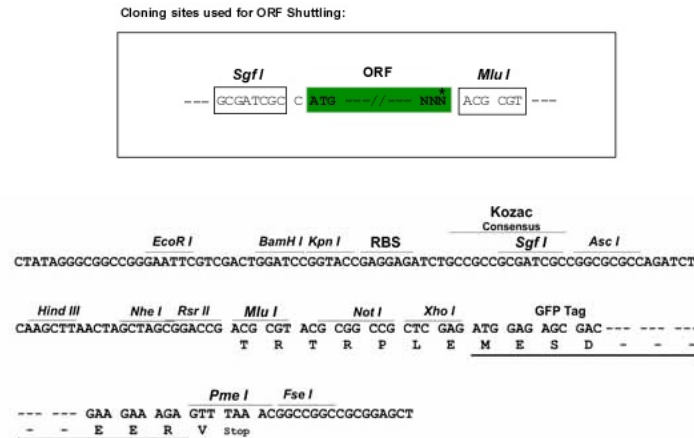
>MG215257 representing NM_001033794
 Red=Cloning site Green=Tags(s)

METHLPSLPSLPMKILSYLDAYSLLQVAQVNKNWNLASSDVLWRKLCQKRWLYCDTVILQLHDKETWK
 QFFVNRTYQEHTKTRAKPEDFTYKEICAETGIWAYACYISGRGLTRNGQTSVVCMLTSMTKISTWDIHE
 GVMTWVSPVQPTTIKLLNTPMHIAVTVDIHSTIKLWDCNSSDALATNNLFFPCQTLKSVFTKDAAILV
 VSDTLGNLYIFRIPDLHLISTINVPYGINELYCSPQKKWVFLSRKHPHILPKVFYMNLSLRSEFSAPV
 STVLNFSLCDKAFWTPRKEDRITLMSISAPYKVTKFVTFDMKLEEIQNQIIVTGYLIAFSLTIDYEGRLE
 CFGVSDKDVIVCSTGSSLLLSFYGVCLQTFDYCSEIILRLWVDPFHVIVTFIDGSLDVYAWEEERCQQLS
 KCYRLQNRRLPRQSCFEKTLCDVSIIRMVRNGRNPCYLMYTLNIHS

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001033794

ORF Size: 1407 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_001033794.3](#), [NP_001028966.1](#)

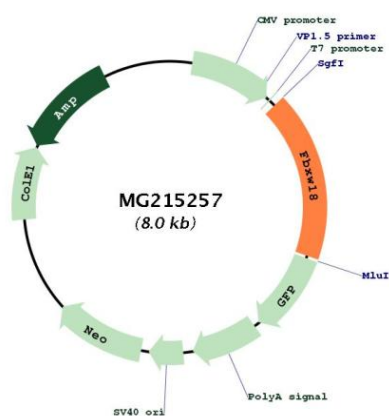
RefSeq Size: 1519 bp

RefSeq ORF: 1410 bp

Locus ID: 546161

Cytogenetics: 9 F2

Product images:



Circular map for MG215257