

Product datasheet for **MR215257**

Fbxw18 (NM_001033794) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxw18 (NM_001033794) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fbxw18
Synonyms:	C85627
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR215257 representing NM_001033794
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGAGACCCATTGCCTAGTTGCCTAGTTGCCTATGATGAAAATCCTCTCCTATCTGGATGCCTACA
 GTTTGCTACAGGTTGCCCAAGTGAACAAGAACTGGAATGCACTTGCAAGCAGTGATGTCCTGTGGAGGAA
 GTTGCTGTCAGAAGAGATGGCTCTACTGTGACACGGTCATCCTACAGCTCCATGACAAAGAGACATGGAAG
 CAGTTCTTTGTTAACCGAACATATCAAGAACACACCAAGACCCGGGCAAAGCCAGAAGATTTACCTACA
 AAGAAATTTGCGCAGAGACTGGAATTTGGGCATATGCATGTTATATCTCAGGGCGTGGCTTAACAAGGAA
 TGGACAAGGGACATCGGTTGTCTGTATGTTGACTTCCATGACCAAGATTTCCACCTGGGATATTCATGAG
 GGTGTTATGACCTGGTAAGCCAGTACAGCCAACACTATCAAGCTGTTGAATACCCTCCCTGAGATGC
 ACATTGCAGTCACTGTAGATATCACTCAACTATCAAAGTGTGGGACTGTAATAGCAGTGATGCTCTGGC
 GACTAACAACTGTTCTTTCCATGTCAAACACTGAAATCTGTCTTTACCAAGGATGCTGCTATTGCTTTG
 GTAAGCGATACCTTGGGTAACCTCTACATCTTTAGGATTCAGATTTACACCTCATTTCCACAATCAATG
 TATTCCTACATCGGTATTAATGAACCTCTACTGCTCTCTCAGAAGAAATGGGTCTTTCTGAGTAGGAAACA
 CCCACATATCTTGCCAAAGGTGTTTTACATGAACAGCTTACTGAGGAGATCAGAATTCCTGCCCCCTGTG
 TCTACCGTTCTCAATTTTTCATTATGTGATAAAGCCTTCTGGACCCCAAGAAAGGAGACCGGATAACCC
 TGATGTCCATAAGTGCTCCCTATAAAGTCACAAAGTTTGTACATTTGATATGAAGCTGGAAGAGATCGG
 GAACCAATAATTGTTACAGGATATTTGATAGCCAGCTTCTCGTTGACAGACTATGAGGGGAGACTGGAA
 TGCTTTGGAGTCAGTGATAAGGACGTGATTGTTGTTCAACGGGATCCTCTCTCTTGCTCTTCAGCATAT
 ATGGTGTCTGTCTGCAGACATTTGACTACTGCTCAGAAGAGATCTTGAGACTATGGTGGACCCCTTTCA
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 AAGTGTATCGGCTGCAAAACAGAAGACGGCTTCCACGGCAAAGTTGCTTTGAAAAAATTTATGTGACG
 AAGTGAGCATAATTGGATGGTGAGAAATGGTCGAATCCCTGCTATCTGATGACATATACCTTAAACAT
 TCACTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR215257 representing NM_001033794
 Red=Cloning site Green=Tags(s)

METHLPSLPSLPMKILSYLDAYSLLQVAQVNKNWNALASSDVLWRKLCQKRWLYCDTVILQLHDKETWK
 QFFVNRTYQEHTKTRAKPEDFTYKEICAETGIWAYACYISGRGLTRNGQTSVVCMLTSMTKISTWDIHE
 GVMTWVSPVQPTTIKLLNTPMHIAVTVDIHSTIKLWDCNSSDALATNNLFFPCQTLKSVFTKDAAILV
 VSDTLGNLYIFRIPDLHLISTINVPYGINELYCSPQKKWVFLSRKHPHILPKVIFYMNSLLRRSEFSAPV
 STVLNFSLCDKAFWTPRKEDRITLMSISAPYKVTKFVTFDMKLEEIGNQIIVTGYLIAFSLTDYEGRLE
 CFGVSDKDVIVCSTGSSLLLFISIYGVCLQTFDYCEEILRLWVDPFHVIVTFIDGSLDVYAWEEERCQQLS
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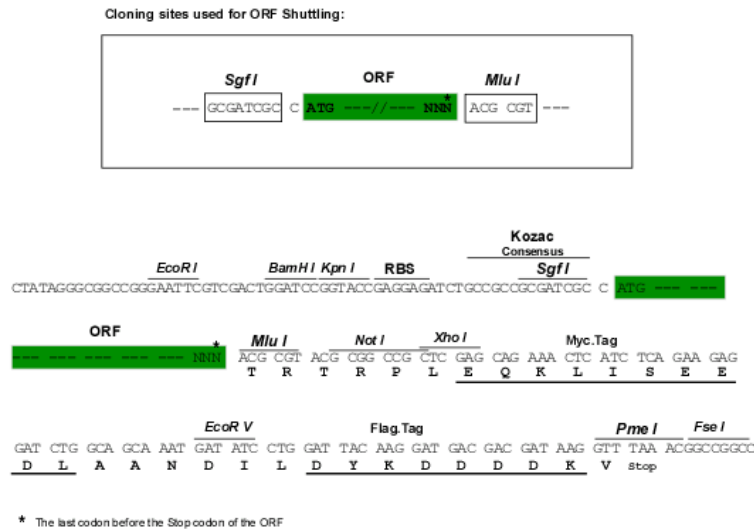
TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9072_g11.zip

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](#)

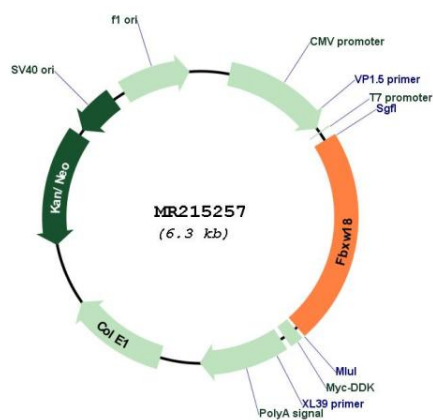
RefSeq Size: 1519 bp

RefSeq ORF: 1410 bp

Locus ID: 546161

Cytogenetics: 9 F2
MW: 54.1 kDa

Product images:



Circular map for MR215257