

Product datasheet for **MG215379**

Fbxw15 (NM_199036) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxw15 (NM_199036) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fbxw15
Synonyms:	Fbxo12j
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG215379 representing NM_199036
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGATCCATTACCTTGTGGCCGATGATGAAAACTCTCCTATCTGGATGCCTACAGTTTGCTAC
 AGGCTGCCAAGTGAACAAGGACTGGAATGAACTTGCCAGCAGTATGTCTGTGGAGAAATTTGTGTCA
 GAAGAGATGGCTCTACTGTGACATGGATACCCTGCAGCTCCAGGGCAAAGAGACATGGAAGCAGTTCTTC
 ATTGATCGAATATGGCAAGAACGTGCCAAGTCCCGTCAAAGGCAAAGATTTCACTTACAAGAAATTC
 CTTTGTGTGGACTTTTTGGATATGCATGTTATATCTCAGGGTGTGGCTTAACAAGAAAGGGACAAGA
 CAAGTCTGTTGTCTGTATGGTGAATCCAAGAATAACAATTTCCACCTGGGATGTTACAAGAGCGTTATA
 ACCTGGAAAAGCCGAGACAGCCGGCAAGTATCAAGCTGTTGACTACCCTCCCTGAGATGCACATTCGAG
 TCACTGTAGATATCAATCAACTATCAAACTGTGGGACTGTCACAACAGGGAAGCTCTGGCGACTAACAA
 CCTGAAGTCTCCATGCAAATCACTGAAAGCTGTCTTTACCAAGGATGGCCCAATTGTCTTGATAGGTGAT
 ACCTGGGTAACATCCACATCTTTAGGATTCAGATTTATACCTATTTCCACAGTCAATGTATTGCCAT
 ATGGTTTTGATGGAATCTACTGTTCTCCTCAGAAGAAATGGGTCTTACTGAGTAAGAAACACCCACATAT
 TTTGCCAAAGGTGTTTTACATGAGCAGCTTTCTGAGGACATCAGAATTTCTTGCCCTGTGTCTACCGTT
 CTCAAATTATCCTTATATGAAAGAGTCTTCTGGACACCAAGAAGGGAAGACAGGATAACCCTGATGTCCA
 GAAGTGGTTTTCCCCAAGTCAAATGTTTGAACATATGATATCAAGCTGGAAGAGTTTGGGAACAAAAG
 AATTGTTAAAGGAAAATGATAGCAAGCTTCGAGTTACAATGTACAAGTGAACCCACAGAGGTTTGGG
 GTCAGTGATAAGAACGTGATTGTTTGTCAACTGAATCCTCTCTTGTCTTCGACATAAATGGTCTCC
 GTCTAAAGACATTTCACTACTGCCAGAAATGATCGTAAACTCAGTGTGGACCCCTTCATGTCATTGT
 CATTGTAAACACTGGCTCTATGGATGTGTATGCATGGGAGGAGAGAAGCCTGCTGCTCAGGAAGTGTAT
 CGACTGCACATTGAGAGACCTCTGCCACTGTACGGCTTCATTTATAAAGCAGCATGTGATGATGTGAGCA
 TAATTCAGTTGATTACAGATGAGCTCAGCTCAGCTCTGACTTCATATGCCTGAACATCTGCTCT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG215379 representing NM_199036
 Red=Cloning site Green=Tags(s)

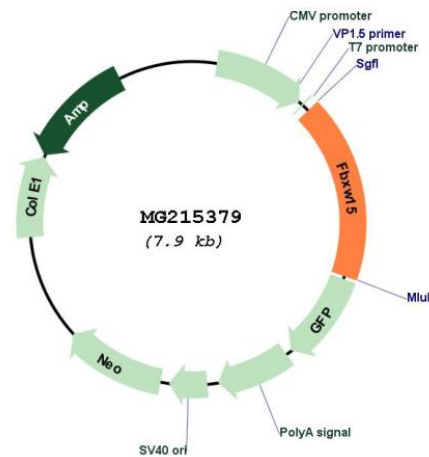
MAIHLPLPMMKILSYLDAYSLLQAAQVNKDWNELASSDVLWRKLCQKRWLYCDMDLQLQGKETWKQFF
 IDRIWQERAKFRAKAKDFTYKEIPLMCGLFGYACYISGCGLTRKGQDKSVVCMVNSKNTISTWDVHKSVI
 TWKSPEQPASIKLLTTLPEMHIAVTVDIQSTIKLWDCHNREALATNNLKSPPCKSLKAVFTKDGPIVLIGD
 TLGNIHIFRIPDLYLISTVNVLPYGFDFIYCSPQKKWVLLSKKHPHILPKVFYMSFLRTSEFSAPVSTV
 LKLSLYERVFWTPRRREDRITLMSRSGFPQKMFETYDIKLEEFGNKRIVKGLIASFELQCHKVNPQRFQ
 VSDKNVIVCSTESSLLLFDFINGLRKTFQYCPMIVKLSVDPLHVIVICNTGSMDEVYAWEERSLLLRKCY
 RLHIERPLPLYGFIYKAACDDVSIQLITDELSLSSLTSYALNICS

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_199036

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:	<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:	<u>NM_199036.2</u> , <u>NP_950201.2</u>
RefSeq Size:	1520 bp
RefSeq ORF:	1401 bp
Locus ID:	382105
UniProt ID:	<u>L7N1X6</u>
Cytogenetics:	9 F2
Gene Summary:	Substrate-recognition component of an SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. Promotes KAT7 ubiquitination and subsequent degradation in collaboration with MAP2K1 kinase, leading to reduced histone H3K14 acetylation and increased cell proliferation.[UniProtKB/Swiss-Prot Function]