

Product datasheet for **MC216397**

Fbxw15 (NM_199036) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxw15 (NM_199036) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fbxw15
Synonyms:	Fbxo12j
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216397 representing NM_199036
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGATCCATTACCTTGTGGTGGGATGATGAAAATCCTCTCCTATCTGGATGCCTACAGTTTGCTAC
 AGGCTGCCCAAGTGAACAAGGACTGGAATGAACTTGCCAGCAGTGATGTCTGTGGAGGAAATTGTGTCA
 GAAGAGATGGCTCTACTGTGACATGGATACCCTGCAGCTCCAGGGCAAAGAGACATGGAAGCAGTTCTTC
 ATTGATCGAATATGGCAAGAAGTCCAAAGTCCCGTCAAAGGCAAAAGATTTCACTTACAAGGAAATTC
 CTTTGTGTGGACTTTTTGGATATGCATGTTATATCTCAGGGTGTGGCTTAACAAGAAAGGGACAAGA
 CAAGTCTGTTGTCTGTATGGTGAATCCAAGAATACAATTTCCACCTGGGATGTTACAAGAGCGTTATA
 ACCTGGAAAAGCCGAGACAGCCGGCAAGTATCAAGCTGTTGACTACCCTCCCTGAGATGCACATTGCAG
 TCACTGTAGATATCAATCAACTATCAAACTGTGGGACTGCACAACAGGGAAGCTCTGGCGACTAACAA
 CCTGAAGTCTCCATGCAAATCACTGAAAGCTGTCTTTACCAAGGATGGCCCAATTGTCTTGATAGGTGAT
 ACCTTGGGTAACATCCACATCTTTAGGATTCAGATTTATACCTATTTCCACAGTCAATGTATTGCCAT
 ATGGTTTTGATGGAATCTACTGTTCTCCTCAGAAGAAATGGGTCTTACTGAGTAAGAAAACCCACATAT
 TTTGCCAAAGGTGTTTTACATGAGCAGCTTTCTGAGGACATCAGAATTCTCTGCCCTGTGTCTACCGTT
 CTCAAATTATCCTTATATGAAAGAGTCTTCTGGACACCAAGAAGGGAAGACAGGATAACCCTGATGTCCA
 GAAGTGGTTTTCCCAAGTCAAATGTTTGAACATATGATATCAAGCTGGAAGAGTTTGGGAACAAAAG
 AATTGTTAAAGGAAAATTGATAGCAAGCTTCGAGTTACAATGTACAAGTGAACCCACAGAGGTTTGGG
 GTCAGTGATAAGAACGTGATTGTTGTTCAACTGAATCCTCTCTTGTCTTCGACATAAATGGTCTCC
 GTCTAAAGACATTTCACTACTGCCGAGAAATGATCGTGAACCTCAGTGTGGACCCCTTCATGTCATTGT
 CATTGTAACACTGGCTCTATGGATGTGTATGCATGGGAGGAGAAAGCCTGCTGCTCAGGAAGTGTAT
 CGACTGCACATTGAGAGACCTCTGCCACTGTACGGCTTCATTTATAAAGCAGCATGTGATGTGAGCA
 TAATTCAGTTGATTACAGATGAGCTCAGCTCAGCTCTGACTTCATATGCCTTGAACATCTGCTCTTG
 A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_199036

Insert Size: 1401 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:	<u>NM_199036.2, 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]