

Product datasheet for **MC216923**

Fbxl7 (NM_176959) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxl7 (NM_176959) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fbxl7
Synonyms:	AL023057; D230018M15Rik; Fbl6; FBL7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216923 representing NM_176959
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCGCGAACAATGGCAAACAGTACGGCAGTGAGGGCAAAGGCAGCTCAAGCGTCTCATCCGACGTGA
 GTTCAAGCACAGATCATACACCAACCAAAGCCAGAGGAATGTGGCCACCAGCGAAGATTCTGACTTGAG
 CATGCGCACACTGAGCACGCCAGCCAGCCTTGATATGCCACCGACTTTGCCAGGATTCAGAATGGA
 AGGGGTTCTGCCACATCTTCATCTCCATCACCAGGGGAGACAGTGGCTATGGTTCACTCCCCGCCCCGA
 CCCGCTCACTCACCACTATTTCGGCTCGCTCCAGACCCAGAAAGAGCAAGCCAGCATAGACAGGCT
 CCCGGACCACTCCATGGTGCAGATCTTCTCCTTCCGACCAACCAGCTATGTCGCTGTGCACGTGTG
 TGCCGCCGCTGGTACAACCTGGCTGGACCCGCGCTCTGGAGGACTATCCGTCTCACTGGAGAGACCA
 TCAATGTGGACCGTGGCCTGAAAGTACTGACCCGAGGCTTTGCCAGGACACCCCAATGTGTGTCTCAT
 GCTGGAGACTGTCATTGTGAGTGGCTGCCGGCGCTCACAGACCGGGGCTTTATACCATTGCACAGTGC
 TGTCAGAACTGAGGCGCTGGAAGTCTCAGGATGTTACAATATCTCGAACGAGGCTGTCTTTGATGTGG
 TGTCACTCTGTCCAACTGGAGCATCTGGATGTGTGAGGGTGTCCAAAGTGACCTGCATCAGTTGAC
 CCGGGAGGCTCCATTAAGTGTCCCTTACATGGCAAACAGATTTCCATCCGATACCTTGATATGACG
 GACTGCTTCGTGCTGGAGGACGAAGGCTTACACACCATCGCAGCTCACTGCACGCAGCTCACTCACCTCT
 ATCTGCGCCGCTGCGTCCGCTCACAGATGAGGGTCTCCGCTACCTGGTGATCTACTGCACCTCCATCAA
 GGAGCTGAGTGTGAGGACTGCCGCTTTGTGAGTACTTTGGCTGCGGGAGATTGCTAACTGGAGTCC
 CGCTTGAGGTACCTCAGCATCGCCACTCGGCGCATCACGGATGTGGGCATTCGTTATGTGGCTAAAT
 ACTGCAGCAAATTACGCTACCTCAATGCGAGGGGCTGCGAGGGCATCACGGACCATGGTGTGGAGTACCT
 CGCCAAGAACTGTACAAACTTAAGTCGCTGGACATTGGTAAATGTCCCCTGGTCTCCGACACGGGCTG
 GAATCCCTGGCTTTGAACTGCTTCAATCTCAAGAGGCTAAGCCTCAAGTCTGTGAGAGCATCACCGGCC
 AGGGCCTGCAGATCGTGGCTGCCAACTGCTTCGACCTGCAGATGTTAAATGTCCAGGACTGTGAAGTTTC
 CGTGGAGGCCCTGCGGTTTGTGAAGCGCCATTGCAAGCGCTGTGTCATTGAGCATACCAACCCCGCTTTC
 TTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_176959

Insert Size: 1476 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: [NM_176959.3](#), [NP_795933.2](#)

RefSeq Size: 4639 bp

RefSeq ORF: 1476 bp

Locus ID: 448987

UniProt ID: [Q5BJ29](#)

Cytogenetics: 15 B1

Gene Summary: Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of AURKA during mitosis, causing mitotic arrest.[UniProtKB/Swiss-Prot Function]