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Product datasheet for MC220930

Fbxl5 (BC047214) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxl5 (BC047214) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fbxl5
Synonyms:	Fbl4; Fir4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

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Fully Sequenced ORF:

>BC047214
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGAAACAACCAGGAGTTAAAATACGAAATAAAATGGAAGCACCTTGACTGCAGTGTCGTCGAGCTTT
CTAAAACCAACTTTTCCAACAACAATGACTTCCGTGCTCTTCTCCAGTCTTTATATGCTACTTTCAAGGA
GTTTAAAATGCATGAACAAATTGAAAATGAATACATTATCGGTTTACTTCAGCAGCGCAGTCAGACCATA
TATAATGTACACTCTGACAATAAGCTCTCCGAGATGCTGAGTCTCTTTGAAAAGGGGCTGAAGAATGTCA
AGAATGAGTACGAACAGTTAAATTATGCAAAACAGCTGAAAGAGAGATTGGAGGCTTTTACAAGAGATTT
TCTTCCTCACATGAAAGAGGAAGAAGAGGTTTTTCAGCCCATGTTAATGGAATATTTTACCTACGAGGAG
CTTAAAGATATCAAAAAGAAAGTGATTGCACAGCACTGCTCACAGAAGGACACGGCAGAGCTCCTCAGAG
GGCTCAGTCTGTGGAACCAAGCTGAGGAGCGACAGAAAGTTCTCAAGTACTCTGTGGATGAGAAGGCAGA
TACAGAAGCGGAAGTGTCAGAACACTCCACAGGTATAACCCATCTTCCTCCTGAGGTAATGCTGTCCATT
TTCAGTTACCTTAATCCTCAAGAATTGTGTCGGTGTAGTCAAGTCAGTACTAAGTGGTCTCAGCTGGCAA
AAACAGGATCTTTGTGGAAACATCTTTACCCTGTTCATTGGGCAAGAGGTGACTGGTATAGTGGTCCTGC
CACTGAACTTGATACTGAGCCTGATGAGGAATGGGTGAGAAATAGGAAAGATGAAAGTCGTGCTTTCCAG
GAGTGGGATGAAGATGCCGATATAGATGAATCTGAAGAGTCTGCAGAGGAATCGGTTGCTATCAGCATTG
CACAAATGGAAAAACGTGTACTCCATGGCTTAATTCATAATGTTCTGCCATATGTTGGTACCTCTGTAAA
AACTTTAGTGTTAGCGTACAGCTCTGCAGTCTCCAGCAAAATGGTTAGGCAGATTTTAGAGCTTTGTCCT
AACCTGGAACATCTGGATCTTACCCAGACCGACATTTCTGATTCTGCATTTGACAGTTGGTCTTGGCTCG
GTTGCTGCCAGAGTCTTCGGCATCTTGATCTGTCTGGATGTGAAAAAATCACAGACATGGCTCTAGAGAA
GATTTCTAGAGCTCTTGGAGTTCTGACATCTCATCAGAGTGGCTTTCTGAAAAGTGCAGGCAAGGCTGCT
TCAACTCCATGGACAAGTAAAGACATTACCATGCCATCCACCACGCAGTATGCCTGTTTGCACAATTTAA
CTGACAAAGGCATTGGTGAAGAAATAGACAACGAGCACTCTTGGACTGAACCTGTGTCTTCTGAAAGTTT
GACTTCTCCTTATGTGTGGATGCTAGATGCTGAAGATTTGGCTGATATTGAAGATGCTGTAGAGTGGAGA
CACAGAAATGTTGAGAGTCTCTGTGTGATGGAAACAGCCTCCAACTTTGGTTGTTCCTCATCTGGTTGTT
ACAGTAAGGACATTGTGGGATTAAGGACTAGTGTCTGTTGGCAGCAGCATTGTGCTTCTCCAGCCTTTGC
ATATTGTGGTCATTCATTCTGTTGTACAGGGACAGCTTTAAGAACTATGACTACACTCCCAGCGACTTCT
GCAATGTGTAGAAAAGCATTAAGGACTACATTGCCCAGGGGGAAAGACTTAATTTATTTTGGGAGTGAAA
AGTCTGACCAAGAGACTGGACGAGTACTTTTGTTCCTCAGTCTGTCTGGATGTTACCAGATCACAGACCA
TGGTCTCAGGGCTCTGACTCTGGGAGGAGGGCTGCCTTACCTGGAGCACCTGAATCTCTCTGGCTGTCTG
ACTGTAACTGGTGCAGGGCTGCAGGATTTGGTCTCAGCGTGTCCTTCCCTAAATGACGAATACTTTTACT
ACTGTGACAACATTAACGGTCCTCATGCTGACACCGCCAGTGGATGCCAGAATTTGCAGTGTGGTTTTCG
AGCCTGCTGCCGCTCTGGCGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC047214

Insert Size: 2055 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).

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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:	BC047214, AAH47214
RefSeq Size:	2778 bp
RefSeq ORF:	2054 bp
Locus ID:	242960
Cytogenetics:	5 B3
Gene Summary:	Component of some SCF (SKP1-cullin-F-box) protein ligase complex that plays a central role in iron homeostasis by promoting the ubiquitination and subsequent degradation of IREB2/IRP2. Upon high iron and oxygen level, it specifically recognizes and binds IREB2/IRP2, promoting its ubiquitination and degradation by the proteasome. Promotes ubiquitination and subsequent degradation of DCTN1/p150-glued (By similarity).[UniProtKB/Swiss-Prot Function]

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