

Product datasheet for **MC202928**

Fbxo22 (NM_028049) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxo22 (NM_028049) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fbxo22
Synonyms:	0610033L19Rik; 1600016C16Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC018273 sequence for NM_028049
 GCCGGCCGCTCCGGTACCCTGAGACTCTGTAGGGCCTTCGGGCCGGTAGGCGAGGAATGGAGCCGGCAG
 GCGGGCGGTGGCGGCGTCTCCTCCTCCACAGATCCGCGAAGCACCTACGTGCTGAGTAACCTTGCGGAGGT
 GGTGGAGCGTGTGTTACCTTCCGCGCCAAAGCGCTGCTTCGGGTAGCCGGAGTATGCCGCCTGTGG
 AGGGAGTGTGTACGCAGAGTGTGCGGACCCATCGCAGCGTGACCTGGATCTCCGCGGGTGTGGCTGAAG
 CGGGCCACCTGGAGGGACATTGCTTGGTGCCGCTGGTAGCTGAGGCGCTTGAGAATGTTTCGAATCTTACC
 ACAGACAGTTCTACATGGCAGATTCTGAAACTTTTCATCAGCCTGGAAGAGTGTGCGGCCATAAAAGA
 GCGAGGAAGAGAAGTACTATGGAGACAGCATGTGCCCTGGAGAAGCTTTTCCCAAGCAGTGCCAAGTCC
 TTGGGATTGTGACCCCGGAATTGTGGTACTCCAATGGGATCAGGTAGCAATCGACCTCAGGAAATAGA
 AATTGGAGAATCTGGTTTTGCTTTATTATTCCCTCAAATTGAAGGAATAAAAAATCAACCCTTTCATTTT
 ATTAAGGACTCCAAGAATTTAACTCGAAAGACACCAGCTTACTGAAGTAGGTCTTCTGGACAACCCTG
 AACTTCGTGTGGTCTTGTCTTTGGCTATAACTGCTGTAAGGTGGGAGCCAGTAATTACCTGCATCGGGT
 AGTCAGCACTTTCAGCGATATGAATATCATCTTGGCTGGAGGCCAGGTGGACAATTTGTCTTCACTTACT
 TGTGAGAAAGAACCTCTGGATATTGATGCCACAGGTGTGGTTGGACTGTCATTTAGTGGCACCGAATCC
 AGAGTGCCACAGTTCTCCTCACTGAGGATGTAATGATGCCAAGACCGTGCAGGCTGCTATGCAGCGCT
 CAAAGCAGCCAACATCCCTGAACAGAACCATTGGCTTCATGTTTGCATGCGTTGGCCGAGGCTTTCAG
 TACTACAGAGCCAAGGGGAATGTTGAAGCTGATGCATTTAGAAAGTTCTTTCCAGTGTCCTTATTTG
 GCTTCTTTGGAAATGGGGAGATTGGCTGCGACCGGATAGTCACTGGGAACCTTATACTGAGGAGATGTAA
 TGAGGTAAGGAAGAGGACCTGTTCCATAGCTACACAACCATCATGGCTCTCGTTCACCTGGGAACCTCT
 AAATGAGCCGCTCGCTGAGAGCACCTTTCACACCATGTAACCTTTGGGGTTTCTCTTTTTTAGGAAAT
 GGAACCTCGGGATCCAAATATTTAAGCAAACTAGCTATGTGTGTTTTGTAGCTTTGGGTGACGCTCTG
 AGGTCACCTTTGGGATGATTTTTTAATACATAGATGAAGGACAGCATTAACTTGAAGCACACAAGTCA
 AGAAGTGAGGCTGTGGTTAGGCGCAAGCAAAGCTGCCGGGCTGAACTGCCAGATTCTGTAGCCACTG
 CATAAGCGCCCTCGAGGTTGAGGGCCACCAGGAAGGTGGAGGTTAAATAGTGCTTGTGAACCTTTTAG
 CAGAATCATGACTTAAGAAAGGAGAAAATTGCCAGGCGTGGTGTGCGCACCTTTAATCCAGCACTCGG
 GAGGCAGAGGCAGGCAGATTTCTGAGTTGGAGGCCAGCCTGGTCTATAGAGTGAGTTCAGGACAGCCAG
 GGCTACAGAGAAACCCTGTCTCGAAACCCACACACCCCTAAAAAAGAAAGGAGAATTA
 GAACTGGTTTGAAGTTTTGCAGAAGCTGTAACAAATTTACTGACTTTTTACTTTTCTGATGAACAGT
 CTGTTTTGTTACTGTATAAAGTCGTTCTTTTTGTGAGTTAGCTTTTTCTTTCATAGTAAAGAGACTGC
 AAGGGAACAGCCTTTATCACACAGTTCTGAAAATCATCACCATATTTGTTGTACACCAATAAAACATA
 CTCCCACTCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_028049

Insert Size: 900 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: [BC018273](#), [AAH18273](#)

RefSeq Size: 2057 bp

RefSeq ORF: 900 bp

Locus ID: 71999

UniProt ID: [Q78JE5](#)

Cytogenetics: 9 B

Gene Summary: Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. Promotes the proteasome-dependent degradation of key sarcomeric proteins, such as alpha-actinin (ACTN2) and filamin-C (FLNC), essential for maintenance of normal contractile function.[UniProtKB/Swiss-Prot Function]