

Product datasheet for **MC221308**

Fbxo30 (NM_001168297) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxo30 (NM_001168297) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fbxo30
Synonyms:	1700026A16Rik; MUSA1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC221308 representing NM_001168297
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGAAGAGGTACAGCAGCACTCACACTGTATGAACTGTGTCAGTAGACGGTGTATGACCAGACCAG
 AGCCTGGGGTTTCTGTGACTTGATTGGCTGTCCATTGGTTTGTGGAGCAGTTTTCCATTCTGTAAAGC
 TGACGAACATCGGCTCTTGTGTCCCTTTGAACGAGTAGCTTGCTTAAATAGAAAATTTGGATGTCCATTT
 ACCCTGGCACGAAATAAAGTTGCTGAACATCTAGAAAATGTGTCCTGCAAGTGTGGTGTGCTGACTATGG
 AATGGAATCGATGGCCCGTTAGTTATTACAGACCGGAAGTCATATGAAAAGTCTAAGCAGAGATGTTGATGA
 AGTGGCACAATTAGACATGGCTTTGGCTCTTCAAGATCAAAGAATGCTTTTGGAACTCTTAAAGTAGCC
 ACCATGATGTCAAAGCAACTGATAAAATCTGAACCTAGAGAACAAAATCTCAGTGAAATCAAGTGTTCC
 AGGAAATACCACGTAATAACGGTTGGTATCCGTTGATGAAGAATCCTATGGTGCACCTTATCAAGCTAC
 TGTAGAAAACAACCAGAAGTTTGGCTGTGCTTTAGATATCCTAAATTCGCCACAAGAGACATTGGCATG
 TTAATACAAGTCTCCATGCTACTGCGAATGAAATGGATGAGGAGAATAACAAAGAAAGCTTCCAGGACA
 AAAACTTGAAAGACCAGGACCACCTTGATGAGGGTGAGATAGGGGCAGTAGGTGGAGTTGATTATAGTGG
 CACAAGTCAGAATGCTCAGGCTGAACAAAATGGCTCAAGTGATTTGTTATGTGACTTAAATCCAAGTTCT
 AATGGTACTTCTGCTCTTTGCAATGGCTTTCTTTGGAAAAGATGTGATTCAGGTCAAAGGCCAGGATC
 AAAATTTTCATGGTGATTCACAGAAAATATAAACAATGGAGATTGTGTGGAAGCTGATGGTACTTCC
 AGAACCTCCAGTTCACCTGTAGTACCAGAACAAGTGAAGGAAAATAGTCCTTTCAGTGCTTTGCCAGAT
 AGTACATTTAGCAAAATCCTCATGCCAGATGAAGACGATGAGAAGGACTGTGTTGGAAAAAAGTAGACT
 TGGGAGACTTGAAGGATGTTAATGGTTCACCTTTCAGTCATGCGCCTTCATTCAAGTTTCTTTCTAATTC
 ATGGTATATACCAAAGGAAGACAAGCAGTTGATACATCAGATTTAGAAGTTGCAGAAGATCCCATGGGC
 CTCCAAGGAATAGATCTGATTACAGCAGCATTACTGTTTTGTCTGGGAGATTCTCCAGGTGGGAGAGGTA
 TATCTGATAGCCGCATGACTGATGTTTATCACGTTGACTTTGGGACACAGACTTTTTCACTTCCATCTGC
 AATATTAGCTACAATAACAATGGTTGGAGAAAATAGCTTCGGCTTCAGCTTGTGATCATGCCAATCCACAG
 CTTTCAAATCCAAGCCCTTTTCAGACACTTGGGCTGGACTTAGTTTTGGAATGTGTTGCTAGGTACCAGC
 CTAAGCAGCGTTCAATGTTTACCTTTGTATGCGGACAGCTATTTAGAAGAAAAGAATTTTCTCCCATTT
 TAAGAATGTGCATGGTGACATTCATGCTGGACTCAATGGATGGATGGAACAGAGGTGTCCTTTAGCTTAT
 TATGGTTGTACCTATTCTCAGCGTAGATTTTGGCCATCGACACAAGGAGCAAAGATCATAACATGATCGCC
 ATTTAAGGTCATTTGGAGTTAGCCATGTGTATCTACAGTATTAGAAGAACCCTTAGAAAATGTGTGTT
 GGGATTGCGTAGTGACCATCTAAGTAGTCTCCCTTTTGGGACTCCAACATATTGCAGGCTTCCCTTGAC
 GGCTTCAGTTTATGCCAGCTTGCATGTGTATCCCGGCTAATGAGGGACGTTTGTGGCAGTTTACTTCAGT
 CTCGTGGAATGGTAATCTTGCAGTGGGGGAAGAAGAAGTATCCGGAAGGAAATTCATCATGGCAGATAAA
 AGAGAAGGTATGGCGATTAGTACTGCATTTTGTCTGTTAATGACTGGAAATTTGCTGACATCCTGAGC
 ATGGCTGACCACTTGAAGAACTGCAGTTACAACGTGATAGAGAAACGGGAGGAAGCCATCCCATTGCCGT
 GTATGTGTGACTCGAGAGCTTACAAAAGAAGGACGTTCCCTGCGCTCAGTTTTAAGCCTGTGCTTTA
 A

ACGCGTACGCGGCCGCTCGAGCAGAAAATCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001168297
Insert Size: 2241 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:	<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_001168297.1</u> , <u>NP_001161769.1</u>
RefSeq Size:	4943 bp
RefSeq ORF:	2241 bp
Locus ID:	71865
UniProt ID:	<u>Q8BJL1</u>
Cytogenetics:	10 A1
Gene Summary:	<p>Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. Required for muscle atrophy following denervation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.</p>