

Product datasheet for **MC217880**

Fbxo30 (BC037691) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fbxo30 (BC037691) 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
Fully Sequenced ORF: >BC037691
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCAGATGAAGACGATGAGAAGGACTTGTGTTGGAAAAAGTAGACTTGGGAGACTTGAAGGATGTTA
 ATGGTTCACCTTTCAGTCATGCGCCTTCATTCAAGTTTCTTTCTAATTCATGGTATATACCAAAGGAAGA
 CAAAGCAGTTGATACATCAGATTTAGAAGTTCAGAAGATCCCATGGGCCTCAAGGAATAGATCTGATT
 ACAGCAGCATTACTGTTTTGCTGGGAGATTCTCCAGGTGGGAGAGGTATATCTGATAGCCGCATGACTG
 ATGTTTATCACGTTGACTTTGGGACACAGACTTTTCACTTCCATCTGCAATATTAGCTACAAAACAAT
 GTTGGAGAAATAGCTTCGGCTTCAGCTTGTGATCATGCCAATCCACAGCTTTCAAATCCAAGCCCTTTT
 CAGACACTTGGGCTGGACTTAGTTTTGGAATGTGTTGCTAGGTACCAGCCTAAGCAGCGTTCAATGTTTA
 CCTTTGTATGCGGACAGCTATTTAGAAGAAAAGAATTTCTTCCATTTAAGAATGTGCATGGTGACAT
 TCATGCTGGACTCAATGGATGGATGGAACAGAGGTGCTTTAGCTTATTATGGTTGTACCTATTCTCAG
 CGTAGATTTTGCCATCGACACAAGGAGCAAAGATCATAATGATCGCCATTTAAGGTCAATTTGGAGTTC
 AGCCATGTGTATCTACAGTATTAGAAGAACCTTCTAGAACTGTGTGTTGGGATTGCGTAGTGACCATCT
 AAGTAGTCTCCCTTTTGAGGTAAGTCAACATATTGCAGGCTTCTTGACGGCTTCAATTTATGCCAGCTT
 GCATGTGTATCCCGCTAATGAGGGACGTTTGTGGCAGTTTACTTCAGTCTCGTGGAAATGTAATCTTGC
 AGTGGGGGAAGAAGAAGTATCCGGAAGGAAATTCATCATGGCAGATAAAAGAGAAGGTATGGCGATTGAG
 TACTGCATTTTGTCTGTTAATGACTGGAAATTTGCTGACATCCTGAGCATGGCTGACCCTTGAAGAAC
 TGCAGTTACAACGTGATAGAAAACGGGAGGAAGCCATCCATTGCCGTGTATGTGTGACTCGAGAGC
 TTACAAAAGAAGGACGTTCCCTGCGCTCAGTTTTAAAGCCTGTGCTTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	BC037691
Insert Size:	1170 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>BC037691, AAH37691</u>
RefSeq Size:	2142 bp
RefSeq ORF:	1169 bp
Locus ID:	71865
Cytogenetics:	10 A1
Gene Summary:	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]