

Product datasheet for **MC220891**

Fbxo40 (NM_001037321) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxo40 (NM_001037321) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fbxo40
Synonyms:	9830003A13Rik; mKIAA1195
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220891 representing NM_001037321
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTCGGGCACGCAAGCTCCACCTGCGCTGCACAGGCACTGTGAGGGATGCTCAACCGCCACTGCC
 ACGTTCCGGTGGAGCCCAGCGTCTCCTGCCTGGTGATAAGCTGCCACCTGCTCTGTGGCGCCACCTCCA
 CATGTGCAAAGAGTCAGAGCATACACTCCTCTGCCCTCTGGAGCAGGTTCCCTGCCTCAACTCTGAGTAT
 GGCTGCCCGCTCTCCATGGCAGGCCACAAGCTGGCTAAGCACCTGCAGGTATGCCCGCCAGCGTGGTCT
 GCTGCTCCATGGAATGGATCCGCTGGCCAAACGTGGACTCAGAAACATTCTTCACGAGAACATCATGAA
 AGAGACCCCCAGTGAGGAGTGTGGACACAGCCCTGGCCCTCCAGGACCAGAAGTACTCTTCAGATCC
 TTGAAAATGGTAGAGCTTTCCAGAAACCAGAGACGCCACGGAGGAGGAACCAGACATGAATGGTGACA
 CCAGTTGGGAGGAGACTGGGGCGCAGTGGGGGAGTGGATGCCAGGCTAGCACCAAATCTTGTGGTCC
 GGCAACCAGTAGGCAATGATGGAGCTCAGTCAGGAGAACGAGATGCACTGGCAAAAACCAAAGAAGGG
 ATGGACCTGGACAAGTTGGCAAGTGGGAAAGTATGTTTCAGCAAGGAGCACGCAGCCTCTGTTTTAACAG
 GTTCCTTGGGGAAGAGTGAAGACAAGAATGGGGATGTGGCTGGGAAAGAGCAGTGTCCAGTAATGTTCCG
 CATAGGGGATGCAGAGGGTTCTGCCGAAAGGAGAGGACCACAGGAAAGCCAGAAGTCCCAGGAACCTCCC
 GCTACCATGGAGATGACAGGGCTTGTCCCTGGCAAGATGGTGTCTGGAAAGACTAAAAACAGCCGTGG
 ATGCCAAAGACTATAACATGTATCTGGTGACAACGGGCGGATGCTCATCCACTTTGGGCAGATGCCTGC
 TTGTACGCCCAAGGAGAGGGACTTTGTTATGGCAACCTAGAGGCTCAAGAAGTAAAACGGTTTATACC
 TTCAAGATTCCCGTGAGCTACTGCGGGAAGCGAGCTCGCTTGGGAGATGCCATGTTGAAATGCAGACCAA
 GTGAACACAAGGCTGTGGACACTTCTGATCTGGGATCTCTGTGGAGGACCTGCCCAAATCTGATCTCAT
 CAAGACCACCCTCCAGTGTGCTTTGGAAAGAGAACTCAAAGGCCATGTCATCTCTGAATCCAGGAGCATC
 GATGGACTCTTTATGGACCTTGCCACCCAAACATACAACCTTTGAGCCAGAACAGTTTTCTCAGAGACAG
 GTTGGCTGATCTCCTAGGCACTGCCAACCCGGGGCCTGCACGTGGAGCTCCACAGCGAGTGTGTGAC
 TAGAAGACACAACAAAGCAGCTCAGCTTTTACGTTTACCTGCAACAAATTTCTCCGAAGGGATGAATTT
 CCCCTGCACTTCAAGAATGTCCACTGACATCCAGTCCAGTCTCGATGGCTGGTCCAGCATCGATGCC
 CCCTAGCCTACTGGGATGTACATTTGTTGAGAACCTTCCGCCCCCTGGACAAAAGCAAAGTGTAT
 CTATAGCCAGGAGCTGAAGACCTTGGCATCAAACCAGAGGTTGCTCCGGAGCTGAGTGAGAAATGGAAG
 AGCGACCATCTCTGGCCGTGATGGGAAAAGCCTGAATTTCTTAACCAGCCTGCCCTGGAGGTGTTGC
 AATACATTGCTGGGTTTCTGGACAGCATCAGCCTGTCCAGCTGTCCAGGTGTCAGTACTGATGAGGAA
 CATCTGTGCCACTTTGTTGCAAGAGAGAGGGATGGTCCTCTCGCAATGGAAGAAGAGAGGTATTCTCAC
 GGAGGCACCTCCTGAAAAGTCCACAATCAGATCTGGCAGTTCAGCAGCCTCTTCTCAAAAATCAACAGCT
 GGGAGTTAATGACGTACCTCCATGTCTGAGCACCTGAAAACCTGTCTTTCAACATCGTGGAGCGGAA
 GACTGACCCGATTCGTTTGACCAGCATGTGCCAGCCCCAAGAGAAGGCCCGGGAGAGCTTAGTGTCCACC
 TTAGGGCCCCGACCAGGGGCAGACACTTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001037321
Insert Size: 2133 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_001037321.1</u> , <u>NP_001032398.1</u>
RefSeq Size:	2518 bp
RefSeq ORF:	2133 bp
Locus ID:	207215
UniProt ID:	<u>P62932</u>
Cytogenetics:	16 B3
Gene Summary:	Probable substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex that may function in myogenesis.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.