

Product datasheet for **SC203420**

Fbx32 (FBXO32) (NM_058229) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Fbx32 (FBXO32) (NM_058229) Human 3' UTR Clone
Symbol:	Fbx32
Synonyms:	Fbx32; MAFbx
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_058229
Insert Size:	2000 bp



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Insert Sequence: >SC203420 3'UTR clone of NM_058229
 The sequence shown below is from the reference sequence of NM_058229. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGGACTTTATCAACTTGTTCAGTTCGAATCCAGCACATGACAACACTTCAGAAGGGTCCCCCTGC
TGACTGGAGAGCTGGAAATATGGCATTGGACACTTCATTTGTAATAGTGTACATTTTAAACATTGGC
TCGAAACTTCAGAGATAAGTCATGGAGAGGACATTGGAGGGGAGAAATGCAGTTGCTGACTGGGAATTT
AAGAATGTGAACCTCTACTAGAATTGGTATGGAAAAGCAAAATACTGTAATAAACTTTTTTCTAAC
AATTTGCCAGCAAGACTATAAGGGCAATAATTCTATTTCCAGCGGTGAAAATGGAGTCTCTTAATGGTC
ACAGAACTCTCTATAGTTCCTAGGAAGAAAAGGCAAACTCAAATACAAAATAGGACGCTTTGTT
TACAATGTGAAAATTTGTTTAGAAAAGAAAAATGAAGAAGGAAAATATATAGGAGAAATTCCTGGGC
TTTGGGGTTTGATCTGGTGTGTTTGTGAGAAGGCGAAGGAAGGCCACCCATCCTAAACCTGCATGGG
CACAGAGCCTTACCCTACAGAGATACCACACAATGGTCTACCTCTAAAAGCGTAGAGTGCCTCTCTGA
CAACGCATGTGATCCAGTAGGCAGTGTCTGTTTTCTCGTAAGTGTTCATCACTATAAAAAGTGATT
TAAAATGGAAAGGGATATTGGAGGCAATCCTCTGGTTTACACTTCCTTTTCAGGCAAACAGGGCCCTC
CTTAGAGTTATCTGTTCCACCAGAACAACCCAAAAGCACATGTTTCTTTTCTGTGCATGTTGTAGCTC
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GCCGTCAGAGGAAGTCTGCTGCAGAAAAGATGATAGAATTGGTCACCCAATCAATAGCTGTGAAGA
CTTCCTTATTCCTGCTGAACTTCCTTGGATATCTTCATGGATAAGCCTGTGTCTGTGGACAGAGT
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GAGCTAGGGCTTTTTGCAAAGGTGATTAATAAATCAAGGCTGGAGTTCCAGCCAAATAGGGAGGAGAGGT
ACCACAAGTTCATCTTAACTTGCTTCCGGGCTGGGTAGTTAAAACAGGAAGATCCCAAGGGGATCTTA
CGAGGCAAATATCAGCAGGTAAGTGTGGAAGAAAGGAAATCTCAGGACCTAATGAGTTCGTTGTAATAA
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AACATGTACATATTTGCAGTTGTATATGCTTTTTTTTTTCCAAATAAACTGTCCACCTGCATGC
CCTTGCAAATAAGTGAAGCAGAAATAGGAACACAGTCCACATTCAGTTGAGGAACAGTGTATCTTTA
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CAAGCTATGATAACAACCGCTTCAGCCCTGCCCTCAATAGCACACAACCCACATATCAGCTTTCTGA
AGAGAAGGAACCTACTGTTTAGTGTCTCCTCACTTTGCAATGTTTGTGCTACGCCAGAATTTCTCCAGTT
TTTTTCATTATCATCCCCCTGAGAAAAAATTACATTGAATTTAAATTTCCCTAATAAGAGAAATTA
ATATGAAAGAATAGGATTTGTTGGTAAGATTGAGCTTTGGAAGGTCACGAACCATTATCTATCTA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_058229.4](#)

Summary:

This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class and contains an F-box domain. This protein is highly expressed during muscle atrophy, whereas mice deficient in this gene were found to be resistant to atrophy. This protein is thus a potential drug target for the treatment of muscle atrophy. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2011]

Locus ID:

114907

MW:

76.6