

Product datasheet for SC100626

Fbx15 (FBXO15) (NM_152676) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbx15 (FBXO15) (NM_152676) Human Untagged Clone
Tag:	Tag Free
Symbol:	Fbx15
Synonyms:	FBX15
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100626 sequence for NM_152676 edited (data generated by NextGen Sequencing)

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ATGCCTTCAGAAATCTTGCTGAAGATATTTTCTACTTGGATGCTGTGAGCCTTCTGTGT
ACTGGATGTGTGAGCAGGCGCTTTTATCATCTAGCCAATGACAATTTTATTTGGATCGGA
ATCTACTCAACTGCTTTTTTACCTGCAAGATCAAATTGGAAATTTAATTCACTAGAGAAG
ATAGCTATGTCTATGAGCTTTCTGTGAGTTCAGGATAAAGAAGCTGGTTATTGGAAGAAA
GAATATATCACAAAACAAATAGCATCTGTAAAAGCCGCACTAGCTGACATTCTCAAACCT
GTCAAACCTTACACAGGCCTTCCAGTTAAGACCAAAGAGGCCCTCAGAATATTTGGTTTA
GGTTGGGCAATTACTGAAAGAAAAAGGTGAAAAGAATATATCATGGAGCATGTTGAT
CTTCCATAAATGACACATCAGTTACTGTTATATGGTATGGCAAAAAATGGCCATGCCTA
GCATCATTGTCAACCTTAGATTTATGTGGCATGACACCAGTTTTTACCGACTGGTATAAA
ACTCCACCAAACATAGACTCCGATGGCATTCTTTAATTGCAAAGTACAATCTGAGTCAT
TTGACCATATCTACCATGATTGGCTGTGACAGACTCATTCCGATCTTCTGCCTGCACCT
GGCCTCCTGGTGGGAGTGTGGAAGAAGGAGGAAGAAGTGGCTTTTGTATGGCAAATCTT
CATTTTTCATCACCTTGTGGAGAGGAGCACATTAGGCTCGGCTACTATCCCCTATGAACTG
CCTCCACATAGCCCTTTTTGGATGATAGCCCCGAGTATGGACTGCACGGCTACCAACTC
CATGTTGATCTGCACAGCGGTGGGGTTTTCTACCTATGTGGTACATTTGCAATCTCTTC
ACCAAGAGAGGAAATATTGAAAAATGGACATGTGAAGCTCATTGTTATACATTTAAAAAAT
AACAGAGAACACCTACCTCTTATTGAAAAGTTGGCCTCTCGTGGAAAAGTATATTTTTT
GATGGCTGTATAAAGAGTTGTTCCATGATGGACGTAACCTTTTTGGATGAACATGGGAAA
CCCTTTTGGTGTTCAGTTCCCGGTGTGCCTGAGATCGCCTGCCACACCCTCTGACAGC
TCTAGCTTCTTGGGACAGACATACAACGTGGACTACGTTGATGCGGAAGGAAGAGTGCAC
GTGGAGCTGGTGTGGATCAGAGAGACCGAAGAATACCTTATTGTCAACCTGGTCTTTAT
CTTAGTATCGCAAAAAATCAACCATTGGTTTGGGACTGAATATTAG

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Clone variation with respect to NM_152676.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152676 unedited
 TTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTCCTGTGGTGAAC
 TCCTTGCTCTATGGCGACTGGACGCGGTGGGATCTTGCAGCAGCACTGGCTCGGCCTCC
 AGACGCTGCGCGGGCCCAGCAGGGGCGGTGGCGCGGCCGGGGGGCGCCAGGGCCTTTG
 GGTGCAGAAAGGGGCCAGGGTCAAGCTTTCTGCAGGCTCTGCTGCCCTGAGGTGCCATG
 CCGGAGGTGGACAGCACTGGGAGAGCTCTTTCTCTGCTGTTCTGGGTTCTGGATGGAA
 TGCCCTTCAGAAATCTTGCTGAAGATATTTCTACTTGGATGCTGTGAGCCTTCTGTGTA
 CTGGATGTGTGAGCAGGCGCTTTTATCATCTAGCCAATGACAATTTTATTGGATCGGAA
 TCTACTCAACTGCTTTTTACCTGCAAGATCAAATTTGAAATTTAATTCAGTAGAGAAGA
 TAGCTATGTCTATGAGCTTTCTGTGAGTTCAGGATAAAGAAGCTGGTTATTGGAAGAAAG
 AATATATCACAAAACAAATAGCATCTGTAAAAGCCGCACTAGCTGACATTCTCAAACCTG
 TCAACCCTTACACAGGCCTTCCAGTTAAGACCAAAGAGGCCCTCAGAATATTTGGTTTGA
 GTTGGGCAATTATACTGAAAGAAAAGGTGAAAAGATATATCATGGAGCATGTTGATCTT
 TCCATAATGACACATCAGTTACTGGTATATGGTATGCCANAAATGGCCATGCCTANCATC
 ATTGGTACCTTANATTTATGTGGCATGACACCCAGTTTTACCGACTGGTATAANAACCT
 CACCAACATAGACTNCGATGGCATTCTTTATTGCAAGACANTCTGAGTCTTTGAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_152676 unedited
 NCGGTTTACTATGNACGCGGCACGCATNCTANGATCGAGTTTTTTTTTTTTTTTTTTTGA
 GATTGCTTTATTTAATTTTCAACACCGGGGACAAAGCCAGTCAAAAATAAACAATAAAT
 AACAAATAAATTTGCCACCTACTGCTAATATTCAGTCCCAAACCAATGGTTGATTTTTG
 CGATACTAAGATAAAGGACCAGGTTGACAATAAGGTATTCTTCGGTCTCTCTGATCCACA
 CCAGGTGGGCGTGCACTTCTCTCCGCATCAACGTAGTCCACGTTGTATGTCTGTCCCA
 AGAAGCTAGAGCTGTGAGAAGGTGTGGCAGGCGATCTCAGGCACACCGGGGAACTGAAAC
 ACCAAAAGGGTTTCCCATGTTTCATCCAAAAGAGTTACGTCCATCATGGAACAACCTTTTA
 TACAGCCATCAAAAATATCAGTTTTCCACGAGAGGCCAATTTTTCCAATAAGAGGTAGGT
 GTTCTCTGTTATTTTTAAATGTATAACAATGAGCTTCACATGTCCATTTTCAATATTTT
 CTCTCTTGGTGAAGAGATTGCGAAATGTACCACATAGGTAGAAAACCCACCGCTGTGCA
 GATCAACATGGAGTTGGTAGCCGTGCAGTCCATACTCCGGGCTATCATCCAAAAGGGGC
 TATGTGGAAGCAGTTCATANGGATAATAACCGAACCTAATGTGCTCCTCCTCCCAAGTG
 ATGAAAATGAAGATTTGCCCTAACAAAAGCCAGTGCTTCTCCTGCTTACACTCCACCC
 AAGAAGCCCAAGTGGCCGCCNAAAATCCCATGGATCTGTCCACCCCATCCTGGGTAG
 ATATGGGGAAAATGAACTCAAATGGGACCTTTGCAATAAAAAAATGCCTCCA

Restriction Sites:

NotI-NotI

ACCN:

NM_152676

Insert Size:

1800 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: [NM_152676.1](#), [NP_689889.1](#)

RefSeq Size: 1696 bp

RefSeq ORF: 1305 bp

Locus ID: 201456

UniProt ID: [Q8NCQ5](#)

Cytogenetics: 18q22.3

Domains: F-box

Protein Families: Druggable Genome

Gene Summary: Members of the F-box protein family, such as FBXO15, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM 603134), and F-box proteins, act as protein-ubiquitin ligases. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains (Jin et al., 2004 [PubMed 15520277]).[supplied by OMIM, Mar 2008]
Transcript Variant: This variant (1) represents the longer transcript and encodes the shorter protein (isoform 1).