

Product datasheet for **SC110373**

FBX09 (NM_033481) Human Untagged Clone

Product data:

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|----------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | FBX09 (NM_033481) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | FBX09 |
| Synonyms: | dj341E18.2; FBX9; NY-REN-57; VCIA1 |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Cell Selection: | None |
| Fully Sequenced ORF: | >NCBI ORF sequence for NM_033481, the custom clone sequence may differ by one or more nucleotides |

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ATGTTCCGAGCTCAGTGGATGTTTGAAGTCTGCTCCAGGTGAAGCTCTAGCAATTTAGAAAATCGACCTT
GCAGAGCAGCAAGAGGCTCTCTCCAGAAAACATCGGCAGATACCAAAGGAAAACAAGAACAGGCAAAAAGA
AGAAAAGGCTCGAGAAGCTCTTCTAAAAGCAGTAGAAGAAGAACAAAATGGAGCTCTCTATGAAGCCATC
AAGTTTTATCGTAGGGCTATGCAACTTGTACCTGATATAGAGTTCAAGATTACTTATACCCGGTCTCCAG
ATGGTGATGGCGTTGAAACAGCTACATTGAAGATAATGATGATGACAGCAAAATGGCAGATCTCTTGTC
CTACTCCAGCAGCAACTCACATTTTCAGGAGTCTGTGCTTAAACTGTGTCAGCCTGAGCTTGAGAGCAGT
CAGATTCACATATCAGTCTGCCAATGGAGGTCCTGATGTACATCTTCCGATGGGTGGTGTCTAGTGACT
TGGACCTCAGATCATTGGAGCAGTTGTCGCTGGTGTGTCAGAGGATTCTACATCTGTGCCAGAGACCTTGA
AATATGGCGTCTGGCCTGCTTGAAGTTTGGGGCAGAAGCTGTATTAACCTTGTCCGTACACGTCCTGG
AGAGAGATGTTTTAGAACGGCCCTCGTGTTCGGTTTGATGGCGTGTATATCAGTAAAACCATATATTC
GTCAAGGGGAACAGTCTCTTGATGGTTTCTATAGAGCCTGGCACCAGTGAATATTACAGGTACATAAG
ATCTTTTCCTGATGGCCATGTGATGATGTTGACAACCCCTGAAGAGCCTCAGTCCATTGTTCCACGTTTA
AGAACTAGGAATACCAGGACTGATGCAATTCTACTGGTCACTATCGCTTGTCACAAGACACAGACAATC
AGACCAAAGTATTTGCTGTAATAACTAAGAAAAAGAAGAAAAACCACTTGACTATAAATACAGATATTT
TCGTCGTGTCCTGTACAAGAAGCAGATCAGAGTTTTTCATGTGGGGCTACAGCTATGTTCCAGTGGTCAC
CAGAGGTTCAACAACTCATCTGGATACATCATTCTTGTCACATTACTTACAAATCAACTGGTGAGACTG
CAGTCAGTGCTTTTGAGATTGACAAGATGTACACCCCTTGTCTTCGCCAGAGTAAGGAGCTACACAGC
TTTCTCAGAAAGGCTCTGTAG
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_033481 unedited
 GTTTNNATTTTGTAAACGACTCACTATAGGCGGCCGCGNAATTCGCACGAGGGCTGCCG
 TACGCCGGGCCCGCAGTTATTGCCGCTGCCTGGTGCCTTCTCCGACCGAGAAGCTCTGCT
 AAGCTCCGCTGCAGAGACAGGCAGGAGTAGACACCCGGACACCCAGCACCCCTCCTCCGG
 GGGGGCGTGCAGAGGGGGCACGGAGAGCCCTCGAGCGCAGCAGGCCGCCCGCCAGCAT
 GGCAGAAGCTGAGGAAGATTGTCATTCTGATACTGTGAGCAGATTATGATGAAGAAAA
 TGAAAGCTCTGCTGAAACAGATCTGCAGGCACAACCTCCAGATGTTCCGAGCTCAGTGGAT
 GTTTGAACTTGCTCCAGGTGTAAGCTCTAGCAATTTAGAAAAATCGACCTTGCAGAGCAGC
 AAGAGGCTCTCTCCAGAAAAATCGGCAGATACCAAAGGAAAAACAAGAACAGGCAAAAAGA
 AGAAAAGGCTCGAGAAGCTTCTCTAAAAGCAGTAGAAGAAGAACAATAATGGAGCTCTCTA
 TGAAGCCATCAAGTTTTATCGTAGGGCTATGCAACTTGTACCTGATATAGAGTTCAAGAT
 TACTTATACCCGGTCTCCATATGGTGATGGCGTTGAAACAGCTACATTGAAGATAATGA
 TGATGACAGCAAAATGCGAGATCTCTTGTCTACTTCCAGCAGCAACTCACATTTAGGA
 GTCTGTGCTTAACTGTGTCAGCCTGAACCTGAGAGCAGTCAGATTACATATCAGGGCC
 TGCCAAGGAGGTTCTGAGTACATCCTTCCGAGGGGTGGCGTCTACTGACTGGGACCTTA
 GACATTGGAAGCAGTTGTCCTGTGGTGCCGAGATTTTACATCTGTGCCTAAAACCTTGA
 AATATGGCTCTCGCCCTGCCTGAAATTCGGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_033481 unedited
 CTATGGACCGGCCGCGCAATCTANAATCGAGTTTTTTTTTTTTTTTTTTTTTTTAAAGAAAAT
 TTATTTATGATCTTTATTGGTGAATAATTTCAAACAAATCCAGAACAGTTTCTCACACT
 TTGAGCCTTTAGTGCAAAAACACTATGCCATGCGGGAAATAAAATGCTTATCCAGTGGAG
 CGCTCCCTGATGCATTGAAATATTAGGATACTCAAGCAGAAGACGACTTATGTGACAGA
 AATCTGCTCATAAATCTGCTTGA AAAAGGGCATGATAAACCTCATATTAAGGTTTCTCAC
 AACATAAATATGCTTAAGCAACTAATTCCAACCTAATTTCAAAACACCCAGGAATCAA
 CTATCCCTTTAAATAAAAAAATAATCAATTTATATTCTTCTTAAAAGAACTCCAACAAT
 TTAATAAAGTTCCAATTCAT
 ATATATACACACACACACACACACATTTATAACTTAGGTGCTCTTTTGCCTATATAC
 TTTAATTCATGCAAAAAGTGATAGAGGACTGGACTTGAGGCTCTACAGAGGCCCTTCTGAG
 AAAGCTGTGTAGCTCCTTACTCTGGCGAAGAACAAGGGGGTGTACATCTTGTCAATCTCA
 AAAGCACTGACTGCAGTCTCACCAGTTGATTTGTAAGTAATGTGACAAGAATGATGTATC
 CAGATGAGTTTGTGAACCTCTGGTGACCACTGGAACATAGCTGTAGCCCCACATGAAAA
 CTCTGATCTGCNTCTTGTACAGGGACACGACGAAAATATCTGTATTTATAGNTCAAGTGG
 GTTTCTGCAAAAAAAGATGCATAAGNTATAATGAAACCTTACCTCACTTCTATGTTTAC
 AGAAATAGTATGCCACAGTGACACTCAAAGTACATAATATTGCATGCAGTAAAGATCGT
 TTGACTATACAGATGGATGATGCT

Restriction Sites:

NotI-NotI

ACCN:

NM_033481

Insert Size:

5000 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_033481.2](#), [NP_258442.2](#)

RefSeq Size: 4565 bp

RefSeq ORF: 1212 bp

Locus ID: 26268

UniProt ID: [Q9UK97](#)

Cytogenetics: 6p12.1

Domains: F-box

Protein Families: Druggable Genome

Gene 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. Alternative splicing of this gene generates at least 3 transcript variants diverging at the 5' terminus. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (3) contains a different segment for the 5' UTR and lacks part of the 5' coding region, compared to variant 1. It uses a downstream translation start codon, with the resulting protein (isoform 3) having a shorter N-terminus when it is compared to isoform 1.