

Product datasheet for SC101002

FBX08 (NM_012180) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBX08 (NM_012180) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBX08
Synonyms:	DC10; FBS; FBX8
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC101002 sequence for NM_012180 edited (data generated by NextGen Sequencing)

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ATGGGTCAAGGGTTGTGGAGAGTGGTCAGAAACCAGCAGCTGCAACAAGAAGGCTACAGT
GAGCAAGGCTACCTCACCAGAGAGCAGAGCAGGAGAATGGCTGCGAGCAACATTTCTAAC
ACCAATCATCGTAAACAAGTCCAAGGAGGCATTGACATATATCATCTTTTGAAGGCAAGG
AAATCGAAAGAACAGGAAGGATTCATTAATTTGGAAATGTTGCCTCCTGAGCTAAGCTTT
ACCATCTTGCTCTACCTGAATGCAACTGACCTTTGCTTGGCTTCATGTGTTTGGCAGGAC
CTTGCGAATGATGAACTTCTCTGGCAAGGGTTGTGCAATCCACTTGGGGTCACTGTTCC
ATATAAATAAGAACCCACCTTTAGGATTTTCTTTAGAAAATTGTATATGCAGCTGGAT
GAAGGCAGCCTCACCTTTAATGCCAACCCAGATGAGGGAGTGAACACTTTATGTCCAAG
GGTATCCTGGATGATTCGCCAAAGGAAATAGCAAAGTTTATCTTCTGTACAAGAACACTA
AATTGGAAAAAAGTGAATCTATCTTGATGAAAGGAGAGATGTCTTGGATGACCTTGTA
ACATTGCATAATTTAGAAATCAGTTCTTGCCAAATGCACTGAGAGAATTTTTTCGTCAT
ATCCATGCCCTGAAGAGCGTGGAGAGTATCTTGAACTCTTATAACAAAGTTCTCACAT
AGATTCTGTGCTTGAACCCTGATTTAATGCGAGAAGTGGCCTTAGTCCTGATGCTGTC
TATGACTGTGCTACTCTTTGATTCTACTTTCCATTGACCTCACTAGCCCTCATGTGAAG
AATAAAATGTCAAAAAGGGAATTTATTCGAAATACCCGTCGCGCTGCTCAAAATATTAGT
GAAGATTTGTAGGGCATCTTTATGACAATATCTACCTTATTGGCCATGTGGCTGCATAA

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Clone variation with respect to NM_012180.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_012180 unedited</p> <pre> NGGGGTTCACATTAGTATACGACTCACTATAGGCGGCCGCGAAATTCGCACGAGGGTCGG CAGTTCTGGCCCCGTCNAGCTGGAGTACCCTGAGTTCTGAGGGTCGTAGTGTCTTTCTG GTATTCTCATCGCGGTACCTCTACCGGTGTGGACAAGTAAAGTTTGAATCAGCTTCTCC ATGGCCTGGGCACCAGTCCCAGGCTGAGCCATTTCTTTTGGCTAAAAGTCCCCGCCA GAGGCCAATTCGTCCGCGCGCGGTGGAGATCGCAGGTCGCTCAGGCTTGAGATGGGTC AAGGGTTGTGGAGAGTGGTCAGAAACCAGCAGCTGCAACAAGAAGGCTACAGTGAGCAAG GCTACCTACCAGAGAGCAGAGCAGGAGAATGGCTGCGAGCAACATTTCTAACACCAATC ATCGTAAACAAGTCCAAGGAGGCATTGACATATATCATCTTTTGAAGGCAAGGAAATCGA AAGAACAGGAAGGATTCATTAATTTGAAATGTTGCCTCCTGAGCTAAGCTTTACCATCT TGTCTACCTGAATGCAACTGACCTTTGCTTGGCTTCATGTGTTGGCAGGACCTTGCGA ATGATGAACCTCTCTGGCAAGGGATGTGCTGAGCCAATCCACTTGGGGTCACTGTTCCAT ATACAATAAGAACCACCTTTTAGATTTTCTTTTAGAAAATTGTATATGCAGCTGGATGA AAGCAGCCTCACCTTTAATGCCACCCAGATGAGGGAGTGAACACTTTTATGTTCCAGGG TATTCTGGATGATTCGCCAAAGACATAGCAAAGCTTATCTTCTGTCCAAGACCCTAAATT GGAAAAAAGTGAATTTATCTTGTGAAGGAGAGAGTCTTGGATGAACCTGTAACATTGG CTTATTTTAAAATCCTTCC </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_012180 unedited</p> <pre> ACCTGTGNACCGCGCCGCTANCTAGTGATCGATTTTTTTTTTTTTTTTTTTTTTTTTTTT TTTTGAGAAAAAAGGAAAACTTTAGTTAAAATCTTTACAATAAAATAATTATGACTATA AATCTCTTTAGTTAAATATGTACACATTACATGGTATTTGTATAAAGAATGGAAATGGAT AAAGTTTTTCAGGCAAACTAATGCACAAATTCTCCATCTTTTAGAGTATAATGTCAGTT TATCATTGTTAACAGCTGTGTTAGACAGTGGCTCTGCTTTGTGCAAAACGTGATAAACA AAATTAGGAAAAATTCTGCAAAATTTAGTTCCCAAGGAAATTAATAAAATAGAAAA TGGCAAAAGAAAAAAGGTTGCACACTGAAGCTTGATTGTATACTCAGGCTACAATGACC AGCACTGATGTAACCCCATATCTGCTAAGTCCTTGGGTAGCTTTAGTCTGAAGTAAAAA CTGAAGTCTAGCAATTTGCTTTTTATGCAGCCACATGGCCAATAAGGTAGATATTGTC ATAAAGATGCCCTACAAAATCTCACTAATATTTTGGCAACGCGACGGGTATTTGAAA AATTCCTTTTACCTTTATTTTACATGAGGCTAGTGAGGTCATGGAAGTAGAAAC CAAAGTCCCCATTTCTTACCCGCTTCCGCTAAGGCCAGTTCTCGCATTAAATCGGGT TGCAACCCCAATCCTGTGTAGAACTTTGTTTAAAATTTTCAAGAACCCCTCCCGCTCTT TAGGGGCTTGATATTACCAAAAAATTTCTCTATGACTTTGGGAGAAACCGATTTTAAAAT TTGCCAGTTCCAGGGATCCAAAAAATTTTCTCTTTATAAAAAAATATCCCGTTTTTC CCATTAAGGTTCTTTCCAAAAA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_012180
Insert Size:	1900 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:	NM_012180.2 , NP_036312.2
RefSeq Size:	2564 bp
RefSeq ORF:	960 bp
Locus ID:	26269
UniProt ID:	Q9NRD0
Cytogenetics:	4q34.1
Domains:	Sec7, F-box
Protein Families:	Druggable Genome
Gene Summary:	<p>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. It contains a C-terminal amino acid sequence that bears a significant similarity with a portion of yeast Sec7p, a critical regulator of vesicular protein transport. This human protein may interact with ADP-ribosylation factor(s)(ARFs) and exhibit ARF-GEF (guanine nucleotide exchange factor) activity. [provided by RefSeq, Jul 2008]</p>