

Product datasheet for SC111230

FBXL3 (NM_012158) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXL3 (NM_012158) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXL3
Synonyms:	FBL3; FBL3A; FBXL3A; IDDSFAS
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111230 sequence for NM_012158 edited (data generated by NextGen Sequencing)

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ATGAAACGAGGAGGAAGAGATAGTGACCGTAATTCATCAGAAGAAGGAACTGCAGAGAAA
TCCAAGAAACTGAGGACTACAAATGAGCATTCTCAGACTTGTGATTGGGGTAATCTCCTT
CAGGACATTATTCTCAAGTATTTAAATATTTGCCTCTTCTTGACCGGGCTCATGCTTCA
CAAGTTTGCCGCAACTGGAACAGGTATTTACATGCCTGACTTGTGGAGATGTTTTGAA
TTTGAAGTGAATCAGCCAGCTACATCTTATTTGAAAGCTACCCATCCAGAGCTGATCAA
CAGATTATTAAGACATTCAAACCATCTACAATATGTCAGCTTCAAGGTGGACAGCAGC
AAGGAATCAGCTGAAGCAGCTTGTGATATACTATCGCAACTTGTGAATTGCTCTTAAAA
ACACTTGGACTTATTTCAACTGCTCGACCAAGCTTTATGGATTTACCAAAGTCTCACTTT
ATCTCTGCACTGACAGTTGTGTTTCGTAAGTCCAAATCCCTGTCTTCGTTAAGATAGAT
GATACTCCAGTAGATGATCCATCTCTCAAAGTACTAGTGGCCAACAATAGTGATACACTC
AAGCTGTTGAAAATGAGCAGCTGTCCTCATGTCTCTCCAGCAGGTATCCTTTGTGTGGCT
GATCAGTGTACACGGCTTAAGAGAACTAGCCCTGAACTACCACTTATTGAGTGATGAGTTG
TTACTTGCATTGTCTTCTGAAAACATGTTTCGATTAGAACATTTGCGCATTGATGTAGTC
AGTGAGAATCCTGGACAGACACACTTCCATACTATTCAGAAGAGTAGCTGGGATGCTTTC
ATCAGACATTCACCCAAAGTGAAGTACTAGTGTATTTTTTTTTTATGAAGAAGAAATTT
GACCCCTTCTTTTCGCTATGAAAACCTGCCACCCATCTGTACTTTGGGAGATCAGTAAGC
AAAGATGTGCTTGGCCGTGTGGGAATGACATGCCCTAGACTGGTTGAACTAGTAGTGTGT
GCAAAATGGATTACGGCCACTTGTGATGAAGAGTTAATTCGCATTGCAGAACGTTGCAAAAAT
TTGTCAGCTATTGGACTAGGGGAATGTGAAGTCTCATGTAGTGCCTTTGTTGAGTTTGTG
AAGATGTGTGGTGGCCGCTATCTCAATTATCCATTATGGAAGAAGTACTAATTCCTGAC
CAAAAGTATAGTTTGGAGCAGATTCAGTGGGAAGTGTCCAAGCATCTTGGTAGGGTGTGG
TTTCCCGACATGATGCCCACTTGGTAA

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Clone variation with respect to NM_012158.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_012158 unedited CAGAATTTTGTAAACGACTCACTATAGGGGCGGCCGCGATTTCGGCACGAGGGGGAAGCT TACGCGGTGGCAGCCGCTCGCTGAGGTAGTCTCTCGCGGCGCCGGGGATCCCTGAACACA GACAGCGCGGGACTGAGAAGGAAAGCTTCTTTCTGGGCAGCCAGAGCCGCAAAGGTGGAG CCGCGTTGGCGCCCTCCGCGGGACCAGCGCCTCGGATGCGGGCGGAGCGCGGGGGCCGC GGCTGCGGGAGCGCAAGCGGGGGCCAGGGGCGCCTCATGTGAGAGCCGCGGGACCTGC AGCCGCGCCGTCCCGGAGCACGGGGTGGTGTGTGGNGGAAGCCGCCCCCGGCAGCAG GATGAAAACGAGGAGGAAGAGATAGTGACCGTAATTCATCAGAAGAAGAACTGCAGAGAA ATCCAAGAACTGAGGACTACAAATGAGCATTCTCAGACTTGTGATTGGGGTAATCTCCT TCAGGACATTATTCTCCAAGTATTTAAATATTTGCCTCTTCTTGACCGGGCTCATGCTTC ACAAGTTTGCCGCAACTGGAACCAGGTATTTACATGCCTGACTTGGGNGAGATGTTNTT GAATTTGAACTGAATCAGCCAGCTACATCTTATTTGAAAGCTACCCATCCAGAGCTGATC AAACAGATTATTTAAAGACATTCAAACCATCTACAATATGTCAGCTTCAAAGGTGGACAG CAGNCAGGAATCAGCTGAAGCAGCTTGTGATATACTATCGCAACTTGTGAATTGCTTTT AAAACACTTGGACCTATTTTCACTGCTCGACCAAGCTTAATTGGATTACCAAAGTCTCAC TTTTCTCTGACTGGCAGATGGGGTTTCGTAACCTCAAACCTGGCCTTGCTA</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_012158 unedited TGCTATGGACCGCGCCCGCATTCTAGAGTCGAGTTTTTTTTTTTTTTTTTAAATTAGTA ACTTTTTATTCTCAAAGTGATAAAGCATTAAACATATACTTTACAGTATAAAACAATTA AGTACTATGCATTTTGTATAAAGTGACAAAGTATTTAAGCATTATATAATTCAATTT GTACAAAAAGTAAATTTCCAAATACAAGCTTTGGTTAGTAGAACTGATTATGACTGTCA AATCCATTTTTCCAAAGTTGTTCAAGGAAAAACAACAACCTTGACTAGCACAGGTAATTCT TGTACAATCAGAGCTTTTACTATTTAAAAGGAGGGGATATATTACTATAATTGCTGTTA ATTTTCGAATCTAGATAAGCCTTTTTTCTCTCATATGTTGCTGTAGGAGAGCATATCAT CACTTTTGAAAGCAAAAATTATGTAGAAAATCACCTTTTGTCTTATTCTTAAGAAGGCC ATCCGTTTTAAAAGTAGACTAAGACTGTTAGCTTCTTAACTACTGAGACACTTTCTAA AAGTCACACTACTGAAAAGAGCCGCTTTAAGAATTAATGTATTCCACTGGGGTTAAATCA TTTCTGATTTCCCTCAGGAGGGTAGTAATCTACTAGCACTAGTCCCAGAATAAAGTT TATATCATCTAAAAAACTCAACATTTTATAGACTCTACAATGCATGGATTACTTTTATT CATATGANAGTAATATAAAATGTTACCTAACTAAAATATAAAAATATCGGTTTACCAA TTAACATCCACAAAATGCAGACATCTTCTATTAAGTTTTCCAGTTCAGTACTGAGCATTATT ACTGAAAATATGATTAGAACTCAACATGCCCTCTTTAAATTGCTGTTATGCTACATGAAC AGGGGCTCCTTTAGATTTTAAATTTACTCCTAACTAGTATCCAN</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_012158
Insert Size:	3670 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_012158.1](#), [NP_036290.1](#)

RefSeq Size: 3489 bp

RefSeq ORF: 1287 bp

Locus ID: 26224

UniProt ID: [Q9UKT7](#)

Cytogenetics: 13q22.3

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 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 Fbls class and, in addition to an F-box, contains several tandem leucine-rich repeats and is localized in the nucleus. [provided by RefSeq, Jul 2008]