

Product datasheet for **SC108936**

FBXL2 (NM_012157) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXL2 (NM_012157) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXL2
Synonyms:	FBL2; FBL3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_012157, the custom clone sequence may differ by one or more nucleotides

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ATGGTTTTCTCAAACAATGATGAAGGCCTTATTAACAAAAAGTTACCCAAAGAACTTCTGTTAAGAATAT
TTTCCTTCTTGGATATAGTAACCTTTGTGCCGATGTGCACAGATTTCCAAGGCTTGGAACATCTTAGCCCT
GGATGGAAGCAACTGGCAAAGAATAGATCTTTTTAACTTTCAAACAGATGTAGAGGGTCGAGTGGTGAA
AATATCTCGAAGCGATGCGGTGGATTCTTGAGGAAGCTCAGCTTGCGAGGCTGCATTGGTGTGGGGATT
CCTCCTGAAGACCTTTGCACAGAAGCTGCCGAAACATTGAACATTTGAACCTCAATGGATGCACAAAAAT
CACTGACAGCACGTGTTATAGCCTTAGCAGATTCTGTTCCAAGCTGAAACATCTGGATCTGACCTCTGT
GTGTCTATTACAAACAGCTCCTTGAAGGGGATCAGTGAGGGCTGCCGAAACCTGGAGTACCTGAACCTCT
CTTGGTGTGATCAGATCACGAAGGATGGCATCGAGGCACTGGTGCAGGTTGTCGAGGCCTGAAAGCCCT
GCTCCTGAGGGGCTGCACACAGTTAGAAGATGAAGCTCTGAAACACATTCAGAATTACTGCCATGAGCTT
GTGAGCCTCAACTTGCACTCCTGCTCACGTATCACGGATGAAGGTGTGGTGCAGATATGCAGGGGCTGTC
ACCGGCTACAGGCTCTCTGCCTTTCCGGTTGCAGCAACCTCACAGATGCCTCTCTACAGCCCTGGGTTT
GAACTGTCCGCGACTGCAAATTTGGAGGCTGCCGATGCTCCCATTGACTGACGCAGGTTTTACACTT
TTAGCTCGGAATTGCCACGAATTGGAGAAGATGGATCTTGAAGAATGCATCCTGATAACCGACAGCACAC
TCATCCAGCTCTCCATTCAGTGCCTAACTGCAAGCCCTGAGCCTGTCCCAGTGAACATCATCACAGA
TGATGGGATCCTGCACCTGAGCAACAGTACCTGTGCCATGAGAGGCTGCCGGTACTGGAGTTGGACAAC
TGCTCCTCATCACTGATGTGGCCCTGGAACACCTAGAGAAGTCCGAGGCTGGAGCGCCTCGAGCTGT
ACGACTGCCAGCAGGTTACCCGTGCAGGATCAAGCGGATGCGGGCTCAGCTCCCTCATGTCAAAGTCCA
CGCCTACTTTGCTCCCGTCACCCACCGACAGCAGTGGCAGGAAGTGACAGCGACTGTGCAGGTGCTGT
GTCATTCTCTGA

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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_012157 unedited GACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTCGCCGGCGCCGTGTGACTTCGG GCTGTGGGCTCGCTCGCGGCTCTTCGGCCATGGTTTTCTCAAACAATGATGAAGGCCTTA TTAACAAAAAGTTACCCAAAGAACTTCTGTTAAGAATATTTTCCTTCTGGATATAGTAA CTTTGTGCCGATGTGCACAGATTCCAAGGCTTGAACATCTTAGCCCTGGATGGAAGCA ACTGGCAAAGAATAGATCTTTTTAACTTTCAAACAGATGTAGAGGGTCGAGTGGTGGAAA ATATCTCGAAGCGATGCGGTGGATTCTGAGGAAGCTCAGCTTGCAGGCTGCATTGGTG TTGGGGATTCCTCCTTGAAGACCTTTCACAGAAGTCCGAAACATTGAACATTTGAACC TCAATGGATGCACAAAAATCACTGACAGCACGTGTATAGCCTTAGCAGATTCTGTTCCA AGCTGAAACATCTGGATCTGACCTCCTGTGTCTATTACAAACAGCTCCTTGAAGGGGA TCAGTGAGGGCTGCCAAACCTGNAGTACCTGAACCTCTTGGTGTGATCAGATCACGA AGGATGGCATCGAGGCACTGGTGCAGGTTGTGAGGCCCTGAAAGCCCTGCTCCTGAGGG GCTGCACACAGTTAGAAGATGAAGCTCTGAAACACATTGAGAATTACTGCCATGAGCTTG TGAGCCCTCACTTGCAGTCTGCTCACGTATCACGGATGGAAGGGTGTGTGCANATATGC ANGGNGTGTACCGGCTACAGGCTCTCGGCTTTTCGGGNTGCAGCACCTCACAGATGC CCTCTCTTAANGCCCTGGGNTTTGAACTGTCCCGACTGCAAATTTTGAAGCTGCCCGA TGCTCCATTTGACTGACGCAGGTTTTACTTTTACCTCGGATGCACGAATGGAAAAAATG ACTTGAATGCATCTGTACGCAAGCACTCTTCAGTTCT</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_012157 unedited TTGCATGGTTTATCTCATTTTATGAGTCTAAAGGTACCAACACTACTGATCTGAGTTTT AAGTGTGTA AAACTTTTGAGTAGCTATGGTGTAACTGATTTTTAAGATTTCAAATAAG CTTGAAAAAAAATCACATCCATTTTACATGCATCCATTACTTCTAATTGATTATAC TACAGATAACTTAAGCCTTAGTTCTTTCTTTAAGGTTCCCCCAAGTTTACGAGAGGC ATGGACATAAATTAGCTTTTTTCCTTTAGTAAAAATGTGTTATGTGCTGTAGCATACACCA GAGCTTCTACTTTCCAATCAGGCAACACAGACTCCGAGCTGCTTTTGTTTTTGGTCCCTG GAGGTGTATATGACAAGTTGACAGAAACAAAAAGTGAAGACCCTGCTCCACCCAGTATA GAGTCCTCTTTTCTTTGGTGTCTCATGGAAACCTATTAACATGCCTTCCACATAAGTCTC TATATATAAACTATNAGGCATTATGAATTAATTTGCAGTACAGTCACTTTGATAAAGTT GCTATTTATCTTCAAAGTGGAAAAGTCTGCTAATCAAATGGAATTGTGAATTAAGTA AGCCACTGGCTTAAGTATCAGGTAGAAAATCAACAGCTTATTTTTTCTGCTCAGTTTGTG CTAACACTGATGTCTTTTTGAGGAATGCTGAGTATGCCAAGGTAGGACTTTTCGTACCT AGGTAGGTACCAATCTCTTAAGAGATCCAGGTTTCTGGCATGGGCCTAGCTGCATTGANA CCACTTGTGATGTGTTAACTGACACAAGCCTTTGATTTGATTGTTNACAGCCGATAAAGG GGAAACTATCCCAGAGTACTGGCATCCTACAGAGATCTTTACCTGTAATGGCCTTCCCAA GGAGATTAACCATGGNGATGGGAATCGGCCAGAAGACCTACGCTTCTAAAGAAAGTAG CCTATCCCA</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_012157
Insert Size:	2790 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_012157.2](#), [NP_036289.2](#)

RefSeq Size: 2378 bp

RefSeq ORF: 1272 bp

Locus ID: 25827

UniProt ID: [Q9UKC9](#)

Cytogenetics: 3p22.3

Domains: LRR, F-box, LRR_CC

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 12 tandem leucine-rich repeats. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2010]
Transcript Variant: This variant (1) encodes isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.