

Product datasheet for **SC324282**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_012157.2
 CGCGGCTCTTCGGCCATGGTTTTCTCAAACAATGATGAAGGCCTTATTAACAAAAAGTTA
 CCCAAAGAACTTCTGTTAAGAATATTTTCTTCTTGGATATAGTAACTTTGTGCCGATGT
 GCACAGATTTCCAAGGCTTGAACATCTTAGCCCTGGATGGAAGCAACTGGCAAAGAATA
 GATCTTTTTAACTTTCAAACAGATGTAGAGGTCGAGTGGTGGAAAATATCTCGAAGCGA
 TGCGGTGGATTCTGAGGAAGCTCAGCTTGCAGGCTGCATTGGTGTGGGGATTCTCC
 TTGAAGACCTTTGCACAGAAGCTGCCGAAACATTGAACATTTGAACCTCAATGGATGCACA
 AAAATCACTGACAGCACGTGTTATAGCCTTAGCAGATTCTGTTCCAAGCTGAAACATCTG
 GATCTGACCTCCTGTGTCTATTACAAACAGCTCCTTGAAGGGGATCAGTGAGGGCTGC
 CGAAACCTGGAGTACCTGAACCTCTCTTGGTGTGATCAGATCACGAAGGATGGCATCGAG
 GCACTGGTGCAGGTTGTCGAGGCTGAAAGCCCTGCTCCTGAGGGGCTGCACACAGTTA
 GAAGATGAAGCTCTGAAACACATTCAAGATTACTGCCATGAGCTTGTGAGCCTCAACTTG
 CAGTCTGCTCACGTATCACGGATGAAGGTGGTGCAGATATGCAGGGGCTGCACCGG
 CTACAGGCTCTGCCTTCGGGTTGCAGCAACCTCACAGATGCCTCTTACAGCCCTG
 GGTTTGAAGTGTCCGACTGCAAATTTGGAGGCTGCCGATGCTCCATTTGACTGAC
 GCAGGTTTTACACTTTTAGCTCGGAATTGCCACGAATTGGAGAAGATGGATCTTGAAGAA
 TGCATCCTGATAACCGACAGCACACTCATCCAGCTCTCCATTCAGTGCCTAAACTGCAA
 GCCCTGAGCCTGTCCACTGTGAACTCATCACAGATGATGGGATCCTGCACCTGAGCAAC
 AGTACCTGTGGCCATGAGAGGCTGCGGGTACTGGAGTTGGACAACCTGCCTCCTCACT
 GATGTGGCCCTGGAAACCTAGAGAAGTCCGAGGCTGGAGCGCTCGAGCTGTACGAC
 TGCCAGCAGGTTACCCGTGCAGGCATCAAGCGGATGCGGGCTCAGCTCCCTCATGTCAA
 GTCCACGCCTACTTTGCTCCCGTCAACCCACCGACAGCAGTGGCAGGAAGTGGACAGCGA
 CTGTGCAGGTGCTGTGTCATTCTCTGACAGCAGCTGCCTGGGCCAAGGGGTGATGAGG
 ATCCTTTCTCTAGAAGACCTGAGTCTTCTGACCGACTCCACCATCACCCAATCTGTTG
 ATTCTCCATTGGGAAAGGCATTTACAGGTAAAAGACTTCTGTATGGATTGCAGTTACTCT
 GGTGATAGTTTTACCTTTATTCTGCTGTGAAACAATCAAATCAAAGCCTTGTGTCAGTT
 AACACATGACAAGTGGTCTCAATGCAGCTAGGACCATGCCAGAAACCTGGATCTCTTAAG
 AGATTGGTACCTACCTAGGTACGAAAGTCTACCCTTGGCATACTCAGCATTCTCAA
 AGACCATCAGTGTAGCACAAACTGAGCAGAAAAAATAAGCTGTTGATTTTCTACCTGAT
 ACTTAAGCCAGTGGCCTACTTTAATTACAATTCCATTTTATTAGCAGGACTTTTCCAC
 TTTGAAGATAAATAGCACTTTATCAAAGTGACTGTACTGCAAATTAATTCATAATGCCT
 GATAGTTTTATATATAGAGACTTATGTGGAAGGCATGTTAATAGGTTTCCATGAGACACC
 AAAGAAAAGAGGACTCTATACTGGTGGAGCAGGGTCTTACCTTTTTGTTTCTGTCAAC
 TGTCAATACACCTCCAGGGACCAAAAACAAAAGCAGCTCGGAGTCTGTGTTGCCTGATT
 GGAAAGTAGAAGCTCTGGTGTATGCTACAGCACATAACACATTTTACTAAAGGAAAAAA
 GCTAATTATGTCCATGCCTCTCGTAAAACCTGGGGGAACCTTAAAGAGAAAAGAACTAAGG
 CTTAAGTTATCTGTAGTATAATCAATTAGAAGTAATGAATGGATGCATGTAAAATGGATG
 TGATTTTTTTTCAAGCTTATTTTGAATCTTAAAAATCAGGTTACACCATAGCTACTCAA
 AAGTTTTACACACTTAAAACCTCAGATCAGTAAGTGTGGTACCTTTTAGACTCATAAAAT
 TGAATAAACCAATTGCAATGCTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_012157

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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_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:	<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 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]</p> <p>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.</p>