

Product datasheet for **SC309641**

FBXL5 (NM_012161) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXL5 (NM_012161) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXL5
Synonyms:	FBL4; FBL5; FLR1
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_012161, the custom clone sequence may differ by one or more nucleotides

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ATGGCGCCCTTCTGAAGAAGTGGACGTCTTACCGCCCCACACTGGCGGATGAAGCAG
CTGGTGGGGCTCTACTGCGACAAGCTTTCTAAAACCAATTTTCCAACAACAACGATTTCT
CGTGCTCTTCTGCAGTCTTTGTATGCTACTTTCAAGGAGTTCAAATGCATGAGCAGATT
GAAAATGAATACATTATTGGTTTGCTTCAACAACGCAGCCAGACCATTTATAATGTACAT
TCTGACAATAAACTCTCCGAGATGCTTAGCCTCTTTGAAAAGGGACTGAAGAATGTTAAG
AATGAATATGAACAGTTAAATTATGCAAAAACACTGAAAGAGAGATTGGAGGCTTTTACA
AGAGATTTTCTTCTCACATGAAAGAGGAAGAGGAGGTTTTTTCAGCCCATGTTAATGGAA
TATTTTACCTATGAAGAGCTTAAGGATATTA AAAAGAAAGTGATTGCACAACACTGCTCT
CAGAAGGATACTGCAGAACTCCTTAGAGGTCTTAGCCTATGGAATCATGCTGAAGAGCGA
CAGAAGTTTTTAAATATTCCTGGATGAAAAGTCAGATAAAGAAGCAGAAGTGCAGAA
CACTCCACAGGTATAACCCATCTTCTCCTGAGGTAATGCTGTCAATTTTTCAGCTATCTT
AATCCTCAAGAGTTATGTCGATGCAGTCAAGTAAGCATGAAATGGTCTCAGCTGACAAA
ACGGGATCGCTTTGGAACATCTTACCCTGTTTATTGGCCAGAGGTGACTGGTATAGT
GGTCCCGCAACTGAACCTGATGATGAATGGGTGAAAAATAGGAAAGAT
GAAAGTCGTGCTTTTCATGAGTGGGATGAAGATGCTGACATTGATGAATCTGAAGAGTCT
GCGGAGGAATCAATTGCTATCAGCATTGCACAAATGAAAAACGTTTACTCCATGGCTTA
ATTCATAACGTTCTACCATATGTTGGTACTTCTGTAAAAACCTTAGTATTAGCATACAGC
TCTGCAGTTTCCAGCAAAATGGTTAGGCAGATTTTAGAGCTTTGTCTAACCTGGAGCAT
CTGGATCTTACCAGACTGACATTTAGATTCTGCATTTGACAGTTGGTCTTGGCTTGGT
TGCTGCCAGAGTCTTCGGCATCTTGATCTGTCTGGTTGTGAGAAAATCACAGATGTGCC
CTAGAGAAGATTTCCAGAGCTCTTGAATTTGACATCTCATCAAAGTGGCTTTTTGAAA
ACATCTACAAGCAAAATTA CTCAACTGCGTGGAAAAATAAAGACATTACCATGCAGTCC
ACCAAGCAGTATGCCTGTTTGCACGATTTAACTAACAAGGCATTGGAGAAGAAATAGAT
AATGAACACCCCTGGACTAAGCCTGTTTCTTCTGAGAATTTCACTTCTCCTTATGTGTGG
ATGTTAGATGCTGAAGATTTGGCTGATATTGAAGATACTGTGGAATGGAGACATAGAAAT
GTTGAAAGTCTTGTGTAATGGAACAGCATCCAACCTTAGTTGTTCCACCTCTGGTTGT
TTTAGTAAGGACATTGTTGGACTAAGGACTAGTGTCTGTTGCCAGCAGCATTGTGCTTCT
CCAGCCTTTGCGTATTGTGGTCACTCATTTTGTGTACAGGAACAGCTTTAAGAATATG
TCATCACTCCCAGAACTTCTGCAATGTGTAGAAAAGCAGCAAGGACTAGATTGCCTAGG
GAAAAAGACTTAATTTACTTTGGGAGTGAAAAATCTGATCAAGAGACTGGACGTGTA CT
CTGTTTCTCAGTTTATCTGGATGTTATCAGATCACAGACCATGGTCTCAGGGTTTTGACT
CTGGGAGGAGGGCTGCCTTATTTGGAGCACCTTAATCTCTCTGTTTGTCTTACTATAACT
GGTGCAGGCTGCAGGATTTGGTTTCAGCATGTCTTCTCTGAATGATGAATACTTTTAC
TACTGTGACAACATTAACGGTCTCATGCTGATACCGCCAGTGGATGCCAGAATTTGCAG
TGTGGTTTTTCGAGCTGCTGCCGCTCTGGCGAATGA

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Restriction Sites: Please inquire

ACCN: NM_012161

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:	<u>NM_012161.2</u> , <u>NP_036293.1</u>
RefSeq Size:	3371 bp
RefSeq ORF:	2076 bp
Locus ID:	26234
UniProt ID:	<u>Q9UKA1</u>
Cytogenetics:	4p15.32
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 several tandem leucine-rich repeats. Alternatively spliced transcript variants have been described for this locus. [provided by RefSeq, Aug 2010]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>