

## Product datasheet for **SC320386**

### **FBXL8 (NM\_018378) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	FBXL8 (NM_018378) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXL8
Synonyms:	FBL8
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\_018378.2  
 GCTTCCCGTCCGCTGTCCTCTGCTGCCAGTCCCCTGCCCCGGGCAAAGCCCATCTGGTCC  
 GCCGAGCAGGCCGGAGCTATTGGGAGTGGCGGATCCTCCCACCCAGCCGGATCTGGGCC  
 ATGGCCGAGCCTGGAGAGGGACTGCCAGAGGAGGTGCTGGCACTCATCTTCCGCCACCTG  
 TCCCTGAGAGACCGTGTGCCGCCAGGGTCTGCAGGGCCTGGGCCCGCTGCTACC  
 TGCAGCGCCGTGTGGCACGACAAAAATCAGTTGCGAATGTGAGCTGGAAGGCATGCTG  
 CCACCTTATCTGTCCGCTGCCTCGACCACATTACAACCTACGGCTGGAATTTGAGCCA  
 TCGAGGAAGCCGAGCCGCGGGCGCCATCGAGCTGCTGATGGTTCTGGCGGGCCGTGCC  
 CCGGGGCTGCGAGCCTGCGCCTGGAGTGCCGCGAGAAAAACCCTCTTCGACGCGGGC  
 CGCGACGTCTGGAGGCTGTGCACGCTGTATGCGGGGCGGCCAGCCAGCTACGCCACCTC  
 GACCTGCGGGCCTTGTCTTCACACTGGACGACGCGTGGTGTGCTGCAGGCCGCGCGCAGC  
 TGTCCCGAGCTCCACAGCCTTTTTCTGGACAACAGTACCCTAGTGGGCAGCGTGGGTCCC  
 GGCTCAGTGTGAGCTACTGGAGGCTGCCCGCCTGCGCGCTCTCGGCTGCACCTA  
 GCCAGTTTGTGCGACGCCATCCTCGAAGCACTGGCGGCCAGACCGAGCGCCTTTCGCG  
 CTCTTGGCTCTGCGGTGCGCGTCCCCGAAGATGCACGCGCTCCCCGCTGCCAACGAA  
 GCCTGGGTGCGTTCGCGCGCCGCCACCCTGGGCTGGCAGTGGAGCTGGAGCTGGAGCCC  
 GCGCTGCCCGCTGAGAGCGTGACGCGCTCCTGCAGCCAGCCGTCCCCGTGGCTGCGCTG  
 CGCCTCAACCTCTCAGGCGACACCGTAGGCCAGTGGCTTCGACGACACCCACTACGCC  
 GCAACCTGTGCGCGCTCGAGGTGCGCGCAGCCGCTTCGGCCGAGCTGAACGCCGCGCTG  
 GAGGAGCTGGCGGCGCTGCGCGGCCCTGCGCGAGGTGCATTGTTTCTGCGTGGTGAGC  
 CACTCGGTGTGGACGCTTCCGCGCAGTGCCTGCCCGCCTGCGCACCTATACCTCAAG  
 CTCACGCGGAGCCGCATCCCTGGAGGCCTACGCTCGTGGCGTATTGGGCGACTTCTCT  
 CCCCCTCCCCGTGGACGTAAGCGCTCTGAGAGGGAACGGGGGGGGTCCAGGCGCGC  
 CCCGAGTGTAGTGCCTTCTTTGGGATTGTTGCCCCCGGGTCTTACCGAGTTGGGAA  
 CTGTGATGGCATCGGACCAGTCTGGGCGCCCTGAGACCACTCGCTGCTCTCACCTCT  
 GCAGAGCCCCACCCGCTCGGTCTGGACACTGCCCCCTCTTTCCTCCACCCCTC  
 TGGCGACTCTGCAGTCCGCGGCCCGCGCAGGGAGAGGGAGGGCACGGGCGCGGGCCG  
 GGCCTCAAGGGTGAGTGTGAAATAAACAAATCCTGCAGTAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_018378

**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:**

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\\_018378.2](#), [NP\\_060848.2](#)

**RefSeq Size:** 1618 bp

**RefSeq ORF:** 1125 bp

**Locus ID:** 55336

**UniProt ID:** [Q96CD0](#)

**Cytogenetics:** 16q22.1

**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 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 Fbls class. It shares 78% sequence identity with the mouse protein. [provided by RefSeq, Jul 2008]