

## Product datasheet for **SC113988**

### **FBXL12 (NM\_017703) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	FBXL12 (NM_017703) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXL12
Synonyms:	Fbl12
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_017703, the custom clone sequence may differ by one or more nucleotides

```
ATGGCGACTTTGGTCGAACTGCCGGACTCGGTCCTGCTCGAGATCTTCTTTACCTCCCAGTACGGGACC
GGATCCGCATCTCCAGGGTCTGTCAACCGCTGGAAGAGGCTGGTGGACACCGGTGGCTGTGGCGACATGT
CGACCTGACGCTCTACACGATGCGACCTAAAGTCATGTGGCACCTCCTTCGAAAGGTACATGGCATCCCGG
CTCCATTCCCTGCGGATGGGTGGCTACCTGTTCTCTGGCTCCCAGGCCCCCAAGTTGTCCCTGCTCTGT
TGAGAGCCCTGGGCCAGAAGTGCCCAACCTGAAGCGCTCTGCCTGCACGTGGCCGACCTGAGCATGGT
GCCCATCACCAGCCTGCCAGCACCTTGAGGACCCTGGAGCTGCACAGCTGCGAGATCTCCATGGCCTGG
CTCCACAAGCAGCAGGACCCACCGTGTGCCCTGCTTGAATGCATCGTGTGGACCGCTCCCGCCT
TCCGTGACGAGCACCTGCAGGGCTGACGCGCTTCCGGGCCTTGCCTCGCTGGTGTGGTGGTACCTA
CCGTGTGACCGAGACAGGGCTGGATGCTGGCCTGCAGGAGCTCAGCTATCTGCAGAGGCTTGAGGTGCTG
GGCTGCACCCTGTCTGCCGACAGCACCTGCTGGCCATCAGCCGCCACCTCCGAGATGTGCGCAAGATCC
GGCTGACCGTGAAGGGCCTCTTGCCCTGGCCTGGTGTGCTGGAGGGAATGCCGGCCCTGGAGAGTCT
GTGCTGCAGGGTCCCCTCGTACCCCCAGAAATGCCCTCCCCACTGAAATCCTCTCCTCCTGCCTCACT
ATGCCAAGCTCAGAGTCCTTGAGCTGCAGGGGCTGGGGTGGGAGGGTCAAGAGGCGGAGAAGATCCTGT
GTAAGGGGCTGCCCACTGTATGGTCATCGTCAGGGCTTGCCCAAGAGTCTATGGACTGGTGGATGTA
A
```



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_017703 unedited  
 GCGGGTTCAGNAATTATGAAACCCGCACTTACTATNAGGGCGGCACGCCAATTCGGCAGC  
 AGGCCTCTCACTGCCTCAGCCACGCTTCCAGGCTGGTTTCTGGTCCCCATCCGCGGGT  
 GTCCGGCCCTGGGACCGAATCACTTCCCAGCGAGAGGAAGGTCAAATTTCTCGACCGGT  
 ACGGGAAGGTTCGCGGCCCGCCCTGTCTGAGCCGCTCGGCGCCCCAGGACCCCTCGGT  
 CTCTTTAACCGGAAGCGGAAGTGCCTGTCGCGGGGATCATGGCGACTTTGGTCAACTGC  
 CGGACTCGTCTGCTCGAGATCTTCTTACCTCCCGGGTCTGTCAACCGTGGAAAGAGG  
 CTGGTGGACGACCGGTGGCTGTGGCGACATGTGACCTGACGCTTACACGATGCGACCT  
 AAAGTCATGTGGCACCTCCTTCGAAGGTACATGGCATCCCGGCTCCATTCCCTGCGGATG  
 GGTGGCTACCTGTTCTCTGGCTCCAGGCCCCAGTTGTCCCCTGCTCTGTTGAGAGCC  
 CTGNGCCAGAAGTGCCCCAACCTGAAGCGCCTCTGCCTGCACGTGGCCGACCTGAGCATG  
 GTGCCCATCACCAGCCTGCCAGCACCTTGAGGACCTGGAGCTGCACAGCTGCGAGATC  
 TCCATGGCCTGGTCCACAAGCAGCAGGACCCACCGTGTGCCCTGCTGAATGCATC  
 GTGCTGGACCGCTNCCCGCCTCCGTGACGAGCACCTGCAGGNCCTGACGCGCTCCGG  
 GCCTTGCCTCGTGGTGTGGTGGTACCTACCGTGTGACCGAGACAGGCTGGATGCT  
 GCCTTGACAGACTACCTATCTGCAAAGGCTTGAGTGTGGGCTTACCCTGTCTGCCGACA  
 GCACCTGTGGCCATAAGNCGCCACTTCCAGATGTGCG

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_017703 unedited  
 GCTATGGCCGCGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  
 CTCGGGAAAAAAAAAGATTTTTTCTTTAATAGTAAAATAATATACGCTTGGAAAATAC  
 AGCATACAAAATACAGAAAATATAATTGAGCACTTTTATGAGCATATCGATCATTGAATC  
 GCGAGTCTGCATCGCCTATCTCTCCGCTCTCTTGCCTGCGTGTAGGTATATAAATGGGG  
 TATAGGCTTGGGGTGTGCATGCATAAACAGTCCTTCTGGGTACTCATAAAGGGGCTCA  
 AACCTCAGGTGCCCTGAGTCTTAACCCACCCCTTCTTCATCCGCTCTGTTCCGTAAG  
 ACGACCATGAAGGTGACTCTTATTGAAAGCCTCTGGAGGCTGGGAGCTTTAAAGTAAG  
 GCTTTGCAATGTAACCGTGAGGTAGCTATGATCATCCTTATTTCCAGATGTGGAACTAG  
 GCTTCCCAGAGGCTGATGATATGACCAAGGCCACACAGCTGGCAAACAGTGATCCAATG  
 GTCTGGAGGTCCCTAGGCCTCTGTTCTCTCAACCTGGGGCTTTTCAGTTTCTCAAGTCTG  
 ATTATCTGCCCTTTCAAGGTGCTGCTCAGAGGGTCTGGGGCTCAATGATGAAAAGTGGG  
 ATGGGTCCCAAGGGCAGGTGGAGTAGTTACATCCACAGTCCATAGACTTTTGGGGCAA  
 GCCCTGACGATGACCATACAGTGGGGCAGCCCTTACACAGATCTTCTCGCCTNCTGACC  
 CTNACCCANCCCTGCANTAAAGACTCTGAGCTTGGCATAGTGAGGCAGAGAGATTTA  
 GTGGGAGGCCATTCTGGGTGACGAGGGGACCTGCAGCAGACTTTCAGGGCGGAATTC  
 CCTCACCACGACGAGGGCAGAAAGCCCTACGTCAACCGATCTGCCATTGGG

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_017703

**Insert Size:**

1750 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_017703.1, NP_060173.1</u>
<b>RefSeq Size:</b>	1876 bp
<b>RefSeq ORF:</b>	981 bp
<b>Locus ID:</b>	54850
<b>UniProt ID:</b>	<u>Q9NXK8</u>
<b>Cytogenetics:</b>	19p13.2
<b>Domains:</b>	F-box
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>Members of the F-box protein family, such as FBXL12, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM 603134), and F-box proteins, act as protein-ubiquitin ligases. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains (Jin et al., 2004 [PubMed 15520277]).[supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (a).</p>