

Product datasheet for **SC318199**

FBXL18 (NM_024963) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXL18 (NM_024963) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXL18
Synonyms:	Fbl18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC318199 representing NM_024963.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGCCAGCTCCGGAGAGGACATATCCAATGATGATGATGACATGCACCCTGCAGCAGCCGGGATGGCA
GACGGGTCCACCTCCTAGGGTCTCTGATGAGATCCTCCTTACATCCTGAGTACGTCCCGAGCACA
GATCTGATTCTGAACGTCGGCGTACCTGTCGGAAGCTTGCAGCCCTGTGCCTTGACAAGAGCCTCATC
CACACCGTGTTGCTGCAAAGGACTATCAGCGAGCGAGGACAAAGTGAGGCAGCTGGTGAAGGAGATC
GGCCGGGAGATCCAGCAGCTGAGCATGGCTGGCTGCTACTGGCTGCCTGGCTCCACCGTGGAAACAGTG
GCCCGCTGCCGAGCCTGGTGAAGGTGAACCTCTCGGGCTGCCACCTCACTTCCCTGCGCCTCTCCAAG
ATGCTCTCGGCCCTGCAGCACCTGCGCTCGCTGGCCATCGACGTGAGCCCGGCTTCGACGCCAGCCAG
CTGAGCAGCGAGTGAAGGCCACCCTGAGCCGCTGCGGGAGCTCAAGCAGACGCTGTTCACTCCCTCC
TACGGCGTGGTGCCTGTGCACCAGCCTAGAGAAGCTGCTGCTCTACTTCGAGATTCTGGACCGCAGC
CGCGAGGGCGCCATCCTCTCGGGCCAGCTTATGGTGGCCAGAGCAACGTGCCGACTACCAGAACCTG
CGGGTCTTCTATGCGCGCCTGGCCCCCGCTACATCAACCAGGAGGTGGTGGCGCTACCTGGCTGTG
CTTAGCGACCGCACTCCTCAGAACCTCCACGCCTTCTCATCTCCGTCCCTGGCAGCTTCGCGGAGAGC
GGCGCCACCAAGAACCTCCTGGACTCCATGGCGCAATGTGCTGCTGGATGCCCTGCAGCTGCCAAG
TCCTGGTGAACGGCTCTTCCCTCCTGCAGCACATGAAATTAACAACCCGTTCTACTTCAGTTTACGC
CGCTGTACCCTGTGAGCGGCCATCTGATCCAGCAGGTCAACGGCGGGAAGGACCTGCGGAGCCTG
GCCAGCTTGAACCTCAGCGGCTGCGTCCACTGCCTGTCCCAGACTCGTGTCCGCAAGGCGGAGGAC
GACATCGACAGCAGCATCCTGGAGACTCTGGTGGCGTCTGCTGCAACCTGCGCCACCTGAACCTCTCG
GCCGCCACCACACAGCTCGGAGGGCCTGGCGGCCACCTCTGCCAGCTCCTGGCCCGGCTGGCTCAC
CTGCGCTCCCTCCTCCCTGCTGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG
CAGCCGGCCATGCACGAGTGGCGCGGCTTTGGCAAGAAAGTGCCTGTGGCGTGCAGTCTGTCCC
AGCCCCCTCTCGGGCCAGGCGTGGCCCCAGCCCTCCTCCGTGTTCTGGTCTCTGCTGAAGAACCTGCC
TTCCTGGAACACCTCGAGCTGATTGGGTCCAATTCTCCTCCGCCATGCCCGCAACGAGCCCGCCATC
CGCAACTCGTCCCACCCTGCAGCCGCGCACAGAGTGTGCGGGACTCGGAGGTGGCCGCCATCGGCCAG
CTGGCCTTCTGCGGCACCTGACGCTCGCACAGCTGCCAGCGTCTTACGGGCTCCGGGCTGGTCAAT
ATCGCCCTGCAGTGCCAGCAGTTGCGGTCCCTGTGCTGGCCAACTGGGCATGATGGGGAAGTGGTG
TACATGCCCGCTCTCAGACATGTTGAAGCACTGCAAGCGGCTGAGGGACCTCAGGCTGGAGCAGCCC
TACTTCAGCGCCAACGCCAGTTCTTCCAGGCGCTGAGCCAGTGCCCTCGCTGCAGCGCCTGTGCCTG
GTCTCTCGCAGCGGCACCCTCCAGCCGATGCCGTGCTGGCCTTTCATGGCTCGCTGCCTGCAGGTTGTC
ATGTGCCACCTGTTACCGGGGAGTCCCTCGCCACCTGCAAGAGCCTGCAGCAGTCGCTTCTCCGCAGC
TTCCAGGCCGAGCGGCCCGCTTAAACGTGTCATCTTCCCTCTGCTCCACGAGGGCCTGACCGACGTC
ATCCGGGACGTCCCCCTGGTGCACCTGGATGAGATCACCTATTTAAGAGCAGAGTGGCCGAGGAACCG
CCGAACCTGTGGTGGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: SgfI-MluI

ACCN: NM_024963

Insert Size: 2157 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).

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_024963.5</u>
RefSeq Size:	8283 bp
RefSeq ORF:	2157 bp
Locus ID:	80028
Cytogenetics:	7p22.1
Domains:	F-box
Protein Families:	Druggable Genome
MW:	78.9 kDa
Gene Summary:	The protein encoded by this gene is a member of a family of proteins that contain an approximately 40-amino acid F-box motif. This motif is important for interaction with SKP1 and for targeting some proteins for degradation. The encoded protein has been shown to control the cellular level of FBXL7, a protein that induces mitotic arrest, by targeting it for polyubiquitylation and proteasomal degradation. Members of the F-box protein family, such as FBXL18, are characterized by an approximately 40-amino acid F-box motif. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains. [provided by RefSeq, Mar 2016]