

Product datasheet for **SC313896**

FBXL6 (NM_024555) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXL6 (NM_024555) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXL6
Synonyms:	FBL6; FBL6A; PP14630
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC313896 representing NM_024555.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTGCCCCAGCCTCCCGGCAGGTCCGACGCAGAGCCCGGGCAGCGCCCGGGCCCCGCTCGGCCGAG
GACTGGTGGTGGGACCGGCTGGCGCCGAGGGGCTCGGGGTACCACCTGCTGCAGTCCGACAGCATGCTG
CTGGTGTGTCCGAACCCGGGCCCGGCCCGCCGCGCACAGCGGCGCGCTTCCCGCCGCACTCCCGGG
CAGCCGCCCGGGGCCAGCGCCGCGGCCAAGCCCAAGGCCGGGCTCAGGTCCGAGGCGGCGGCCGCG
CCCGCACCCGCACCGGCACCCACGCCACGCCCAGGAAGGGCCCGACGCGGGCTGGGGAGACCGCATT
CCCTTGAAAACTCTGGTGCAGATTTTCGGGTGTTGGTGGCGGCGGACGCCCCATGCCCTTCTGGGC
AGGGCTGCGCGCGTGTGCCGCCGCTGGCAGGAGCCGCTTCCCAACCCGCGCTCTGGCACACCGTGACC
CTGTCGTCGCCGCTGGTGGCGGCCCTGCCAAGGGCGGGTCAAGGCGGAGAAGAAGCTCCTTGCTTCC
CTGGAGTGGCTTATGCCAATCGGTTTTACAGCTCCAGAGGCTGACCCTCATCCACTGGAAGTCTCAG
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GCTCTGGTCATGTAGCCAAAGCCTGCTGCCAGCTCCATAGCCTGGACCTACAGCACTCCATGGTGGAG
TCCACAGCTGTGGTGAGCTTCTTGAGGAGGACAGGGTCCCGAATGCGCAAGTTGTGGCTGACCTACAGC
TCCCAGACGACAGCCATCCTGGGCGCACTGCTGGGCAGCTGCTGCCCCAGCTCCAGGTCTGGAGGTG
AGCACCGGCATCAACCGTAATAGCATTCCCCTTCAGCTGCCTGTGAGGCTCTGCAGAAAGGCTGCCCT
CAGCTCCAGGTGCTGCGGCTGTTGAACCTGATGTGGTGCCTAAGCCTCCGGGACGAGGGGTGGCTCCC
GGACAGGCTTCCCTAGCCTAGAGGAGCTCTGCCTGGCGAGCTCAACCTGCAACTTTGTGAGCAACGAG
GTCCTGGGCGGCTACTCCACGGCTCTCCCAACCTGCGCTTACTGGATCTTCGTGGCTGTGCGCGCATC
ACGCCGGCTGGCCTTCAAGATCTGCCATGTGCGGAGCTGGAGCAGCTTCATCTGGGCTGTATGGCAGC
TCAGACCGGTGACTCTAGCCAAGGAGGCGAGCCCTTTTGAACCCAGAAGTGGTGCCATACACTGCCA
GAACTGGACTTGAGTGGCCAGGGTTTCACTGAGAAGGACCTGGAGCAGGCCCTGGCTGCCTTCTAAGC
ACCCCTGGGGGCTCACACCCAGCCCTGTGCTCTTAACTCAGGGGCACCCGGGTACACCAAGCACT
GTCAGCTCTGTGATCAGCGGCTGCCCGGCCCTGCTCTACCTCAACCTGGAGTCTGCCGCTGCCTTCCC
CGGGGTCTGAAGCGGCCCTACCGGGGCTGGAGGAAGTCCAGTGGTGTCTGGAGCAGCTGCTCACCAGC
CCCTACCCAGCTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_024555

Insert Size: 1602 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:	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_024555.5</u>
RefSeq Size:	1781 bp
RefSeq ORF:	1602 bp
Locus ID:	26233
UniProt ID:	<u>Q8N531</u>
Cytogenetics:	8q24.3
Domains:	LRR, F-box, LRR_CC
MW:	57.9 kDa
Gene Summary:	This gene encodes a member of a family of proteins that are characterized by an F-box motif. The encoded protein also contains leucine-rich repeats. F-box-containing proteins comprise one of the subunits of the SCF (SKP1-cullin-F-box) complex, which functions in phosphorylation-dependent ubiquitination. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013] Transcript Variant: This variant (2) uses an alternate splice site in the coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.