

Product datasheet for **SC101384**

FBXL16 (BC034014) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXL16 (BC034014) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXL16
Synonyms:	C16orf22; c380A1.1; c380A1.1 (novel protein); F-box and leucine-rich repeat protein 16; Fbl16; FLJ33735; MGC33974; OTTHUMP00000115487
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC034014, the custom clone sequence may differ by one or more nucleotides

ATGTCGTCCTCCGCAGCCTCTACCTGCGATGGTGTGCCAGGTGCAAGACTTCGGGCTGAAGCACCTCC
 TGGCCCTGGGGAGTTTGCCTCCTGTCTCTGGCAGGCTGCCCGCTGCTCACCACCACCGGCTGTGCGG
 CCTGGTGCAGCTGCAGGAGCTGGAGGAGCTGGAGCTGACCAACTGCCCGGGGCCACCCCGAGCTCTTC
 AAGTATTCTCGCAGCACCTGCCCGCTGCCTCGTCATTGAGTAG

5' Read Nucleotide Sequence:	>OriGene 5' read for BC034014 unedited GCACGAGGGTCTCTGGCAGGCTGCCCGCTGCTCACCACCACCGGGCTGTGCGGCCTGGTG CAGCTGCAGGAGCTGGAGGAGCTGGAGCTGACCAACTGCCCGGGGCCACCCCGAGCTC TTCAAGTATTTCTCGCAGCACCTGCCCGCTGCCTCGTCATTGAGTAGCGCGAGGCCCC GCCCGGTGCGGGAACCCGGCCATGACTT
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3' Read Nucleotide Sequence: >OriGene 3' read for BC034014 unedited
ATCTTGACCGCGCCGCTTCTANGATCGAGTTTTTTTTTTTTTTTTTTTGAACCTTTTTT
AATATATATTTTTATAAACAGGTCACGTGATAAAATAGCACAAAGAACTTACCAAATA
TAAGGTTATATCTCCGCATATACAGGAGAATGAGGTCGTTATGTACAATAAGAAAATGA
TTTTAGGGGTTGGTTGGTTTTGTTTTCTCTCTCCCCTTAATTTTTCTCCTACAGTCGT
TGGAATATCACAGCTTCAGTTGCATTAATACTTTGGGCAAATGGACAGCTGCCCCCTCCC
CACTAGGGGTTGTGGGGAGGAGGGGCTGGAGAACTGGCTCCTGACCACTCAGCCCTGGA
GCTTCCTGGGGCTGGCACTCCAGGGACAGGAAAATCTTTGGGCTGTTGATCTGTTTCTGA
TTCAACAGCATCTCTCTCTCTCTTTCTCTCTCTCTCACTCTTTCTCTCTCACTC
TCTGGCTCTCTGAAACTGGTTACTCTCTTCCAACCAGATAGGGAGTGTCCCAAGATTGG
GTGTGGGCGCGGTATCTCTGGGGCTCAAGGTTGGGATGGGAAAAGGTCCCANCCCCCT
CCTCAGCAACACTGAGATTTGCCAGCATCCCCCAGACTTTCCAATGTCTCGGGCCGACA
GAGCACGGTCAGAGCCCATTTTGGCAGACAGAAGTTTGGGAAGCTGGGGAGGGGTGAAAT
GGGGTTGGGGGGGGNNNNNNNNNNNGNGCCNNCNCNNCCGGGGGGGGGGGGGGG
GGGGNNGGGGGGGGGGGGGGGGGGGGGGCCNNGGGGGGGGCCCGGGGCCGGG
GGCGGGGGCCCCCGCGGCCCGCGCCCGGGGGAGGCCCCCCGGCGGGGAGCCCC
GGGGCCCCCGCGCCGNCGGCGCCCGCGCGCCCGCGCCGAGGGGGGGGGCG
CCCCCCCCGGGCCCGTTGCCGG

Restriction Sites: NotI-NotI

ACCN: BC034014

Insert Size: 2250 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).

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: [BC034014.1](#), [AAH34014.1](#)

RefSeq Size: 2539 bp

RefSeq ORF: 255 bp

Locus ID: 146330

Cytogenetics: 16p13.3

Gene Summary:

Members of the F-box protein family, such as FBXL16, 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]