

Product datasheet for **SC316382**

FBXL16 (NM_153350) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXL16 (NM_153350) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXL16
Synonyms:	C16orf22; c380A1.1; Fbl16
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC316382 sequence for NM_153350 edited (data generated by NextGen Sequencing)

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ATGTCGAGCCCGGGCATCGACGGCGACCCCAAGCCTCCATGCTTGCCTCGAAACGGTCTG
GTGAAGCTGCCGGGCCAGCCCAACGGCCTGGGTGCGGCCAGCATCACCAAGGGCACGCCA
GCCACCAAGAACCGCCCTGCCAGCCACACCCCAACCCCTCCCACCAACAGCCTG
GCTGCTCCACTGTCCCGGGCTGCCCTGGCTGGGGGGCCGTGCACCCGGCAGGTGGACCA
GCCTCAGCCTTGGCACCTGGGCACCCAGCGGAGCGGCCGCGCTGGCCACGGACGAGAAG
ATCCTCAATGGGCTCTTCTGGTATTTCTCGGCCTGCGAGAAGTGTGTGCTGGCCAGGTG
TGCAAGGCCTGGCGCGCGTGTGTACAGCCCAAGTTCTGGGCAGGCCTCACGCCGGTG
CTGCATGCCAAGGAGCTCTACAACGTGCTGCTGGTGGCGAGAAGGAGTTCTGTGAACCTG
CAGGGTTTTGCCGCCAGAGGCTTCGAGGGCTTCTGCTGGTTGGCGTCTCCGACCTGGAC
ATCTGTGAGTTTATTGACAACATGCGCTCTCCAAGAAGGGTGTCAAAGCCATGAGCCTC
AAGCGCTCCACCATCACGGACGAGGCTCGAGGTTATGCTTGAACAGATGCAGGGCGTG
GTGCGTCTGGAGCTGTGGGCTGCAACGACTTCACCGAGGCCGGGCTGTGGTCCAGCCTG
AGCGCGCGCATCACTCGCTGAGCGTGAGTGACTGCATCAACGTGGCCGACGACGCCATC
GCGGCCATCTCGAGCTGCTGCCCAACCTGGCGGAGCTGAGCCTGCAGGCCATACACGTG
ACGGACACGGCGCTGGCCTACTTCACGGCGCGCCAGGGCCACAGCACGCACACGTGCGC
CTGCTCTCCTGCTGGGAGATCACCAACCACGGCGTGGTCAACGTGGTGCACAGCTGCC
AACCTCACCGCGCTCAGCCTCTCGGGCTGCTCCAAGGTACCCGACGACGGCGTGGAGCTC
GTGGCCGAGAACCTGCGCAAGCTGCGCAGCCTTGACCTCTCGTGGTGGCCACGCATCACC
GACATGGCGCTGGAGTACGTGGCTGCGACCTGCACCGCCTAGAGGAGCTCGTGTCTGAC
AGGTGTGTACGCATCACGGACACTGGCCTCAGCTATCTGTCCACCATGTCTGCTCCCGC
AGCCTCTACCTGCGATGGTGTGCTGCCAGGTGCAAGACTTCGGGCTGAAGCACCTCTGGCC
CTGGGGAGTTTGGCGCTCTGTCTCTGGCAGGCTGCCCGCTGCTACCAACACCGGGCTG
TCGGGCTGGTGCAGCTGCAGGAGCTGGAGGAGCTGGAGCTGACCAACTGCCCGGGGCC
ACCCCGAGCTCTTCAAGTATTTCTCGCAGCACCTGCCCGCTGCTCGTATTGAGTAG
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Clone variation with respect to NM_153350.3

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_153350 unedited
GGCAATTGTATACGACTCCTATAGGGCGCCGCGTAATTCGGCACGAGGCCCCGCTGGTT
CCCTGCAAAGCGGCCTTATTTATCTGGGCACAGCCTCAGCCTCCCCGGTGGGAGGCTTGG
GGGGGCCGATCCTCTCCACCGGGGAGCTCCTTTCCGTGCGCTGCCGAGGGGGCCCGGCC
AGGACGGGACGCGGGGCGCAGGGCGCGGCCGGGCCCTGCCGGCCAGTCCAGCACCCCGGC
GGCCCCCGCGCGCCGACGCCATGCCGGGCTCCCCATGACGGGAGGTGCCCCGGCGGACA
GCGTGGCATGAGCCAGGAGCCCCGGGCGAGAGCGTGCCAGGAAGATGTCAGCCCCGGGCA
TCGACGGCGACCCCAAGCCTCCATGCTTGCCTCGAAACGGTCTGGTGAAGCTGCCGGGCC
AGCCCAACGGCCTGGGTGCGGCCAGCATACCAAGGGCACGCCAGCCACCAAGAACCAGCC
CCTGCCAGCCACCAACCCACCCACCTCCACCAACCCAGCCTGGCTGCTCCACTGTCCC
GGGCTGCCCTGGCTGGGGGCCCGTGACCCCGGCAGGTGGACCAGCCTCAGCCTTGGCAC
CTGGGCACCCAGCGAGCGGCCCGCTGGCCACGGACGAGAAGATCCTCAATGGGCTCT
TCTGGTATTTCTCGGCCTGCGAGAAGTGTGTGCTGGCCAGGTGTCAAAGGCCTGGCGG
CGCGTGTGTACAGCCCAAGTTCTGGGCAGGCCTCACGCCGGTGTGTCATGCCAAGGAG
CTCTACAACGTGTGCTGGTGGCGAGAAGGAGTTCGTGAACCTGCAGGGTTTTGCCGCC
AGAGCTTCGAGGGCTTCTGCCTGGTTTGGCGTCTCGACCTGGACATCTGGTGGAGTTCAT
TGACAACCTATGCCGCTCTTCCA
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_153350 unedited <pre> CGGGCGTGACACCTCGGGCCGGAAGCACCGGGAGGGGCTACAGGGAGCCCCCGGGATC TGTCTAGGAAACAGCTATGACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTT TTTACAACCTTTTTTAATATATATTTTTATAAACAGGTCACGTGATAAAATAGCACAAGAA ACACTTACCAAATATAAGGTTATATCTTCCGCATATACAGGAGAATGAGGTCGTTATGTA CAATAAGAAAAATGATTTTAGGGGTTGGTTGGTTTCCGCCGACCCCAACCAACAACATCG ACACCTTTTTTTTTTTGGGGGGGGGGGGCACCTCTTCTTAATAAAAAACAACCCCTTCC CTGCTCTGCCGGCTCCCGGGGGGGGGGGTTTTTCGAGTTTTATATATTTTTTTCTT TTCCAGCCGCCCATGATTTTTCCCTCACTGACACACCGGTTTGGGCCGGAGAAATGCCAC CGCTCTCGCGCTACCAAGGTTTAGCCAGTGCTAGCCCTGAACCCGCCACCCCTGGAGCA CCTATATTGCCAACGCGCGCCGTGACCCGGTGAAGCGGACGCCCTCCCGTAGGCCTCAA GTCCTCGAGGAAGCAGACGAGTATCTACCGGGTCGTCATAGTACCTTGACCAGTGAAC GGACTGAGCATGCCCAAGCAGCTCGTAGAACTGCTGAAGACTGTCGACTATCAAGACCTG ACTTCCTCCATAACCTTGTCAAGACATGATCCACGCACTGACCTTGACGAACACGAAGCA TGTTTACAAGTATGAGCCCTGGAGGCTATACCAAGCT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_153350
Insert Size:	3500 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_153350.2, NP_699181.1</u>
RefSeq Size:	3427 bp
RefSeq ORF:	1440 bp
Locus ID:	146330
UniProt ID:	<u>Q8N461</u>
Cytogenetics:	16p13.3

Domains: LRR, F-box, LRR_CC

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]