

Product datasheet for **SC324683**

FBXL14 (NM_152441) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXL14 (NM_152441) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXL14
Synonyms:	Fbl14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_152441.1
GGCGGCGGCTGGGGAGAAGCGCTCTCGTCGCCTGCCGAGGCCGGAGCGGCGGGGCCCGC
GCCTCCTCCCCCAGCGCCGCGGAGGGGGAGGAGGAAGATGGAGACCCACATCTCATGC
CTGTTCCCGGAGCTGCTGGCCATGATCTTCGGCTACCTGGACGTCCGGGACAAGGGGCGC
GCGGCGCAGGTGTGCACCGCCTGGCGGGACGCCGCTACCACAAGTCGGTGTGGCGGGG
GTGGAGGCCAAGCTGCACCTGCGCCGGGCAACCCGTCGCTGTTCCCCAGCCTGCAGGCC
CGGGGCATCCGCCGGGTGCAGATCCTGAGCCTCCGCCGACGCTCAGTACGTGATCCAG
GGCATGGCCAACATCGAGAGCCTCAACCTCAGCGGCTGCTACAACCTCACCAGACAACGGG
CTGGGCCACGCGTTTGTGCAGGAGATCGGCTCCCTGCGCGCTCTCAACCTGAGCCTCTGC
AAGCAGATCACTGACAGCAGCCTGGGCCGATAGCCAGTACCTCAAGGGCCTGGAGGTG
CTGGAGCTGGGAGGTTGCAGCAACATCACCAACTGGCCTTCTGCTCATCGCCTGGGGT
CTGCAGCGCCTCAAGAGCCTTAACCTCCGACGTGCCGCCACCTTTCGGATGTGGGCATC
GGGCACCTGGCCGCATGACGCGCAGCGCGGAGGGCTGCCTGGGCCTGGAGCAGCTC
ACGCTACAGGACTGCCAGAAGCTCACAGATCTTTCTCTAAAGCACATCTCCGAGGGCTG
ACGGGCTTGAGGCTCCTCAACCTCAGCTTCTGTGGGGGAATCTCGGACGCTGGCCTCCTG
CACCTGTGCGACATGGGACGCTGCGCAGCCTCAACCTGCGCTCCTGTGACAACATCAGT
GACACGGGCATCATGCATCTGGCCATGGGCAGCCTGCGCCTCTCGGGGCTGGATGTTTCG
TTCTGTGACAAGTGAGGAGACCAGAGTCTGGCTTACATAGCCAGGGGCTGGATGGCCTC
AAGTCTCTCTCCCTCTGCTCCTGCCACATCAGTGATGATGGCATCAACCGCATGGTGC
CAGATGCACGGGCTGCGCAGCTCAACATTGGACAGTGTGTGCGCATCACGGACAAGGGC
CTGGAGCTGATCGCTGAGCACCTGAGCCAACTACCGGCATAGACCTGTACGGCTGCACC
CGAATCACCAAGCGCGGCTGGAGCGCATCACGACGTGCCGTGCCTCAAGGTAATCAAC
CTGGGACTCTGGCAGATGACGGACAGTGAGAAGGAGGCACGAGGGGATTTTCTCCATTA
TTCACTGTGAGAACTCGGGGAAGCTCCAGAAGGTGAGGGAGAGGGGACAACGACATGGTT
CCCGTGGATCTTTAACTTCCAGACTTGCCCGCTCTGCGCCTCCGGCACTCTGGTATGAC
AGCTCAGGTTTCCCTGCCTGTCACTGCTCGGGCAGAGGCTGCTGCCAGGGCTTCTGCTC
CGGTACCTTGTAAGCTGCATTCTCCTGCCGTTTCTCCAGTTCTGGGGACAGTGGTTTG
CTCTGAGACCTCGCTTCTTTATGGATCCAAGGAGACTTGCTTTTTTCAGTCTGTTACGCT
TTTTACTTGCTAGGATGGAATTGCAATTTGCAAGCTTCTTCGACAGGAACTACAAGTTC
CACACTTTAATTTTATACATATAAATATATACATGTACATATATCTATGTACAGGGGTAT
TATATATATACATATAAGATGATGATATATATAATGATGATATGTATTACTGAGAACGTA
AAATATCATTACATAGTATAGCTGGACACACAAGGAATTCACAACTCCCAAAGAAAAT
ACATCTGGATGACCTGCCTAGCAGTTTCCCATGAGATAGAGGAATGTCTACGTATTTCA
TTCCCTGTTCTGCCCTGAAACAATTTCAATCACTGACAAATCATTATCATTATTAATA
ATGTTTACTGAGTGCCCATATGTGAAAGAAATCCACTCTACATTCACAGATGCATTTCC
TCTCCCACGGGGTTTCCATTTTAATGGGAACAATGTAGAATATATCTGTCTTCCCTTTA
TAGATTCCAAA
AAAA

Restriction Sites: Please inquire
ACCN: NM_152441

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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:	NM_152441.1 , NP_689654.1
RefSeq Size:	2164 bp
RefSeq ORF:	1257 bp
Locus ID:	144699
UniProt ID:	Q8N1E6
Cytogenetics:	12p13.33
Domains:	LRR, F-box, LRR_CC
Protein Families:	Druggable Genome
Gene Summary:	Members of the F-box protein family, such as FBXL14, 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]