

Product datasheet for **SC111907**

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:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_152441, the custom clone sequence may differ by one or more nucleotides

ATGGAGACCCACATCTCATGCCTGTTCCCGGAGCTGCTGGCCATGATCTTCGGCTACCTGGACGTCCGGG
ACAAGGGGCGCGGGCGCAGGTGTGCACCGCTGGCGGGACGCCCTACCAAGTCGGTGTGGCGGGG
GGTGGAGGCCAAGCTGCACCTGCGCCGGGCCAACCCGTCGCTGTTCCCGAGCTGCAGGCCCGGGGCATC
CGCCGGGTGCAGATCCTGAGCCTCCGCCGAGCCTCAGCTACGTGATCCAGGGCATGGCCAACATCGAGA
GCCTCAACCTCAGCGGCTGCTACAACCTCACCGACAACGGGCTGGGCCACGCGTTTGTGCAGGAGATCGG
CTCCCTGCGCGCTCTCAACCTGAGCCTCTGCAAGCAGATCACTGACAGCAGCCTGGGCCGCATAGCCAG
TACCTCAAGGGCCTGGAGGTGCTGGAGCTGGGAGGTTGCAGCAACATACCAACACTGGCCTTCTGCTCA
TCGCCTGGGGTCTGCAGCGCCTCAAGAGCCTTAACCTCCGAGCTGCCGCCACCTTTCGGATGTGGGCAT
CGGGCACCTGGCCGGCATGACGCGCAGCGCGGGGAGGGCTGCCTGGGCCTGGAGCAGCTCACGCTACAG
GACTGCCAGAAGCTCACAGATCTTTCTCTAAAGCACATCTCCCGAGGGCTGACGGGCCTGAGGCTCCTCA
ACCTCAGCTTCTGTGGGGGAATCTCGGACGCTGGCCTCCTGCACCTGTGCGACATGGGCAGCCTGCGCAG
CCTCAACCTGCGCTCCTGTGACAACATCAGTGACACGGGCATCATGCATCTGGCCATGGGCAGCCTGCGC
CTCTCGGGGCTGGATGTTTCGTTCTGTGACAAGGTGGGAGACCAGAGTCTGGCTTACATAGCCAGGGGC
TGGATGGCCTCAAGTCTCTCTCCCTCTGCTCCTGCCACATCAGTGATGATGGCATCAACCGCATGGTGCG
GCAGATGCACGGGCTGCGCAGCTCAACATTGGACAGTGTGTGCGCATCACGGACAAGGGCCTGGAGCTG
ATCGCTGAGCACCTGAGCCAACCTACCCGCGATAGACCTGTACGGCTGCACCCGAATCACCAAGCGCGGCC
TGGAGCGCATCACGAGCTGCCGTGCCTCAAGGTACTCAACCTGGGACTCTGGCAGATGACGGACAGTGA
GAAGGAGGCACGAGGGGATTTTCTCCATTATTCACTGTGAGAACTCGGGGAAGCTCCAGAAGGTGA



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_152441 unedited <pre> TTCAGATATTTGTAATACGAACCTCACTATAGGGCGGCCGGAATTCGCACGAGCCTCCCC CCAGCGCCGCGGAGGGGGGAGGAGGAAGATGGAGACCCACATCTCATGCCTGTTCCCGGA GCTGCTGGCCATGATCTTCGGCTACCTGGACGTCCGGGACAAGGGGCGCGCGGCAGGT GTGCACCGCCTGGCGGGACGCCGCTACCACAAGTCGGTGTGGCGGGGGTGGAGGCCAA GCTGCACCTGCCCGGGCCAACCCGTCGCTGTTCCCGAGCCTGCAGGCCCGGGGCATCCG CCGGGTGCAGATCCTGAGCCTCCGCCGTAGCCTCAGCTACGTGATCCAGGGCATGGCCAA CATCGAGAGCCTCAACCTCAGCGGCTGCTACAACCTCACCGACAACGGGCTGGGCCACGC GTTTGTGCAGGAGATCGGCTCCCTGCGCGCTCTCAACCTGAGCCTCTGCAAGCAGATCAC TGACAGCAGCCTGGGCCGCATAGCCAGTACCTCAAGGGCCTGGAGGTGCTGGAGCTGGG AGGTTGCAGAACATCACCAACTGGCCTTCTGCTCATCGCCTGGGTCTGCAGCGCT CAAGAGCCTTAACCTCCGAGCTGCCGCCACCTTTCGGATGTGGGCATCGGGCACCTGGC CGGCATGACGCGCAGCGCGGGGAGGGCTGCCTGGCCTGGAGCAGCTCACGCTACAGGA CTGCCAGAAGCTCACAGATCTTCTCTAAAGCACATCTCCCGAGGGCTGACGGGCCTGAG GCTCCTCACCTCAGCTTCTGTGNGGAATCTCGGACGCTGGCCNTCTGCACCTGTGCGAC ATGGGCAGCCTGCGCAGCCTCACCTGCGCNTCTGTGACACATCAGTGACACGGGCATCAT GCATCTGGCCATGGGCAGNCTGCGCCCTCTCGGCTGGATNNGTTCGTCTGTGACAGGTG GGAGAACAGAGTCTGGGCTACTAGA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_152441
Insert Size:	1900 bp
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
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]