

Product datasheet for SC112212

FBXL15 (NM_024326) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXL15 (NM_024326) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXL15
Synonyms:	Fbl15; FBXO37; JET; PSD
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112212 sequence for NM_024326 edited (data generated by NextGen Sequencing)

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ATGGAGCCACCGATGGAGCCGTCGGAGGGGAGCAAGAGCCCGGAGCCGTCAGGTTCTCTG
GACCTGCCCTGGGAAGAGGTGCTGCTCCACACGTCCTGAACCGGGTCCCGCTGCGCCAG
CTGCTCCGGCTGCAGCGGTTAGCCGGGCTTCCGGTCGCTGGTGCAGCTTACCTGGCC
GGGCTGCGTTCGATGCCGCGCAGGTGGTCCGAGATCCCGCGGGCCGATTGGCC
CGGCTGCTGCGGGATGCCGAGGGGCTGCAGGAGCTGGCACTGGCGCCGTGTACGAATGG
CTGTGACGACGAGGACCTGGTCCCGGTGCTGGCGCGGAATCCGAGCTGCGGAGTGTGGCG
TTGGGCGGCTGCGGGCAACTGAGTCGCCGGGCGCTTGGGGCTTTGGCCGAGGGCTGCCCA
CGCCTGCAGCGCCTGTCGCTCGCGCACTGTGACTGGGTGGACGGGCTGGCGCTGCGCGGC
CTCGCTGATCGTGCCCCGCCCTGGAGGAGCTGGATCTCACCGCCTGCCCGCAGCTCAAG
GACGAGGCCATCGTGTACCTGGCGCAGAGGCGCGGCGTGGTCTCCGCAGCCTCTCTCTG
GCCGTC AACGCCAACGTGGGGGACGCCGCGGTTCAAGAGTTGGCTCGGAACTGCCAGAA
CTCCACCACCTTGACCTACCGGCTGCCTCCGCGTCGGAAGCGACGGTGTGAGGACATTG
GCCGAGTACTGCCCGTGTGCTGCTGCGGTTGCTGCGGGTGGCGCACTGCCACCATGTGGCGGAG
TCCAGCCTGAGCCGCTTGCAGGAGCGCGGCGTGGACATCGACGTGGAGCCCGCCTGCAC
CAGGCCCTGGTGTGCTGCAGGATATGGCGGGCTTCGCACCTTTGTCAACTGCAGGTC
TGA

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Clone variation with respect to NM_024326.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_024326 unedited ATACGACTCTACTATAGGCGGCCGCAATTCGGCACGAGGGCCGATGGAGCCACCGATGG AGCCGTCGGGAGGGGAGCAAGAGCCCGGAGCCGTCAGGTTCTGGACCTGCCCTGGGAAG ACGTGTGCTCCACACGTCTGAACCGGGTCCCGCTGCGCCAGCTGCTCCGGCTGCAGC GCGTTAGCCGGCCCTCCGGTCTGCTGGTGCAGCTTACCTGGCCGGGTGCGTCTGCTTCC ATGCCCGCAGGTGGGTCCGAGATCCCGCGGGCCGATTGGCCCGGCTGCTGCGGGATG CCGAGGGGCTGCAGGAGCTGGCACTGGCGCCGTGTACGAATGGTGTGACAGCAGGAC TGGTGCCGGTGTGGCGGGAATCCGCAGCTGCGGAGTGTGGCGTTGGGCGGCTGCGGGC AACTGAGTCGCCGGGCGCTTGGGGCTTTGGCCGAGGGCTGCCACGCCTGCAGCGCCTGT CGCTCGCGCACTGTGACTGGGTGGACGGGCTGGCGCTGCGCGGCCTCGCTGATCGCTGCC CGGCCCTGGAGGAGCTGGATCTCACCGCTGCCGCCAGCTCAAGGACGAGGCCATCGTGT ACCTGGCGCAGAGGCGCGGCGTGGTCTCCGCAGCCTCTCTGGCCGTCAACGCCACGT GGGGGACCCGCGTTCAAGAGTTGCCTCGGAAGTGGCCAGACTCCACCCACTTGACCT CACCGGCTGCCTTCGCCGTGGAAGCGACGNGTCAAGGACATTGGNCCGAATACTGCCCC GTGCTGGGTTTCCCTGCGGGNGCGGGACTGGCACCATTGGGGCGAATCCAACCTGGAC CGCTTGCAGAAACCGCGCGTGAACCTAACATGGAGCCCGCGTTGACCACAGCCCTGG TGCTGCTGCAAGAAATTGGCGGGCTTCCACCCTT</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_024326 unedited GGACCGCGCCGCATCTATATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGGGGTAA AAAACTCTTTATTTGAAGCTCCAGGGGGGGCAAGGCACTGGCCTCTACCAAAGAGTCC TCACAGTTCAATTTCCCTACAGTCAATGTCAAGCCCAACCACACAGTCCAAGTGTGCT CCGATTGGCAAGCGGGTCAAACCTGCAAGTTGACAAAAGGGGCGAATCCCGCCATATTCT GCAGCAGACCAAGGCCCTGGTGCAGCGCGGCTCCACGTGATGTCCACGCCGCGCTTCC GCAAGCGGGTCAAGCTGGACTCCGCCACATGGTGGCAGTGCCGCACCCGAGCGAACGCA GCACGGGGCAGTACTCGGCCAATGTCCTGACACCGTTCGCTTTCGACGCGGAAGCAGCCGG TGAAGTCAAGGTGGTGGAGTTCTGGGCAGTTCCGAACCACTCTTGAACCGCGGCGTCCC CCACGTTGGCGTTGACGGCCAAAGAGAGGCTGCGGAGACCAACGCCGCGCCTCTGCGCCA GGTACACGATGGCCTCGTTCTTGAAGTGGCGGCAGGCGGAGAGATCCAATTTCTCAGGG CCGGGCAGCGATCATGAAGCCCGCATTGCCCATCCCGTTACCCATTTACAGTGCAGC AGCGCAAGCGCTTCAAGCGTGGGGAACNCCTTGTCCAAACCCATACGCCCGGGAATT ATTTGCCCCCATCCGCGCAAGCCACACTTCGCAAGTTGTGAATTCGGGCCATCACAG GACCAAGTTCCTATTCTGAAAATCCTTTTGTGACACAGGGGCCATTGCCAGCTTCTGCAT CCCCTTTGTTTTCTACTAATCCTGGCCAATTGGGGCCCGGGATCTTGGGACCACCTG CGCGGTTTTTAACCTACCCATCCCGTCAAGTGTATCCGTCACATAACCGGAAGGGCTGCT TAATCTCTCATCCGATCACTCGCCCCATGTGCCCGGTCTATACGCTGTGAACATTCTTC TT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_024326
Insert Size:	1110 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:	<ol style="list-style-type: none">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_024326.2 , NP_077302.2
RefSeq Size:	2359 bp
RefSeq ORF:	903 bp
Locus ID:	79176
UniProt ID:	Q9H469
Cytogenetics:	10q24.32
Domains:	F-box, LRR_CC
Protein Families:	Druggable Genome
Gene Summary:	Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of SMURF1, thereby acting as a positive regulator of the BMP signaling pathway. Required for dorsal/ventral pattern formation and bone mass maintenance. Also mediates ubiquitination of SMURF2 and WWP2.[UniProtKB/Swiss-Prot Function]