

Product datasheet for SC100669

FBXL21 (NM_012159) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXL21 (NM_012159) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXL21
Synonyms:	FBL3B; Fbl21; FBXL3B; FBXL3P
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100669 sequence for NM_012159 edited (data generated by NextGen Sequencing)

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ATGAAGAGGAACAGTTTATCTGTTGAGAATAAAATTGTCCAGTTGTCAGGAGCAGCGAAA
CAGCCAAAAGTTGGGTTCTACTTCTCTCAACCAGACTCATACACACACGGTTCTTCTA
GACTGGGGGAGTTTGCCTCACCATGTAGTATTACAAATTTTTCAGTAACTTCCTTTACTA
GATCGGGCCTGTGCGTCTTCTGTATGTAGGAGGTGGAATGAAGTTTTTCATATTTCTGAC
CTTTGGAGAAAGTTTGAATTTGAACTGAACCAGTCAGCTACTTCATCTTTAAGTCCACT
CATCCTGATCTCATTGAGCAGATCATAAAAAGCATTGCTCATCTTCAGTATGTCAGC
TTTAAGGTTGACAGTAGCGCTGAGTCAGCAGAAGCTGCCTGTGATATACTCTCAGCTG
GTAATTTGTTCCATCCAGACCTTGGGCTTGATTTCAACAGCCAAGCAAGTTTCATGAAT
GTGTCGGAGTCTCATTGTTGTCAGCACTTACAGTTGTTTTATCAACTCAAATCATT
TCATCAATCAAATTTGAAGATACACCAGTGGATGATCCTTCATTGAAGATTCTTGTGGCC
AATAATAGTGACTCTAAGACTCCTAAAGATGAGTAGCTGTCCTCATGTTTCATCTGAT
GGAATCTTTGTGTAGCTGACCGTTGTCAAGGCCTTAGAGAAGTGGCGTTGAATTATTAC
ATCCTAACTGATGAACCTTTCTTGCACTCTCAAGCGAGACTCATGTTAACCTTGAACAT
CTTCGAATTGACGTTGTGAGTGAAAACTCCTGGACAGATTAATTTTCATGCTGTTAAAAA
CACAGTTGGGATGCACCTATTAACATCCCCTAGAGTTAATGTTGTTATGCACCTCTTT
CTATATGAAGAGGAATTCGAGACGTTCTTCAAAGAAGAAACCCCTGTTACTCACCTTTAT
TTTGGTCGTTTCAGTCAGCAAAGTGGTTTTAGGACGGGTAGGTCCTCAACTGTCCTCGACTG
ATTGAGTTAGTGGTGTGCTAATGATCTTCAGCCTCTTGATAATGAACCTATTGTTATT
GCTGAACACTGTACAAACCTAACAGCCTTGGGCCTCAGCAAATGTGAAGTTAGCTGCAGT
GCCTTCATCAGGTTTGTAAAGACTGTGTGAGAGAAGGTTAACACAGCTCTCTGTAATGGAG
GAAGTTTTGATCCCTGATGAGGATTATAGCCTAGATGAAATTCACACTGAAGTCTCCAAA
TACCTGGGAAGAGTATGGTTCCCTGATGTGATGCCTCTCTGGTAA

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Clone variation with respect to NM_012159.4
168 t=>a;195 a=>g;626 c=>t;792 t=>c



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_012159 unedited
 GGGTACACATTTGTATACGACTCACTATAGGCGGCCGCGATTTCGGCACGAGGCGGACCCC
 CGTGCCTAGGCGCTCCTGTGCCTCCAGTGC GCGGAGCCGGCCCTCGCTCGGGCGTGTTCCT
 GCGCCGACCGGACGGCCGACTCCAGCACCTTGGCCCCGGCCCGAACGCTGAGCACGCG
 CGGAAACCCTTTAAAGATAGGAAGTCAAATCAAATGGATGTTGGTGAAGTACCCACGGCA
 ACCATTGCTTCGTTTCATGGTTCAGAGTGAAGTCTAATCTGGAAGCCTTCCTTAGGTCAT
 TCCTGCTTCTGGGATCCAAGTCTATGTTGTGCTTAAGAAATGTGTCACATCAGACAGAGT
 GAATCACAAAGACAGAGATATTTACCTATCACATAAATATTTTATTAGATTCAAGAATGA
 AGAGGAAACAGTTTATCTGTTGAGAATAAAAATTGTCAGTTGTGTCAGGAGCAGCGAAACAGC
 CAAAAGTTGGGTTCTACTCTTCTCAACCAGACTCATAACACACGTTCTTCTAGACT
 GGGGGAGTTTGCCTCACCATGTAGTATTACAAATTTTTCAGTAACTTCCTTTACTAGATC
 GGGCCTGTGCGTCTTCTGTATGTAGGAGGTGGAATGAAGTTTTTCATATTTCTGACCTTT
 GGAGAAAGTTTGAATTTGAAGTGAACAGTCAGCTACTTCATCTTTAAGTNCACCTATC
 CTGATCTCATTACAGCAGATCATTANAAGCATTGCTCATCTTCAGTATGTCAGCTNTA
 AGGTTGACAGTAGCGCTGAGTCAGCAGAAGCTGCCTGTGATATACTCTCTCAGCTGGTNA
 ATNGTTCCATCCAGACCTTGGCTTGATTTACAGCCAGCCAAGTTCATGAATGTGTTCGA
 TCTCATTTTGTGTCAGCACTACAGTTTTATCA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_012159 unedited
 GACGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTACTTTGGAAATTAG
 AAGTTTTTACTGAATCACAAAGATGATCTCATAGGGTGCTAAAAATGTTATAGTTAAATA
 AGCTTTAAAATATTTTATATTTTATAAAAATATATTAATACCAAGATAAAAATAGAATCAA
 TAAAACAATGTAATAAAGCAAATGACATAACTTTACAGAATCCAAGTTCAATATTACACA
 CTACTTAGCAAGCTACAATATGCCTCCAAGGAAAGGTGAGAAATCTACTTAGAAACCAT
 CTGTAGTTTTTGGCATATCGACCATCTAATCCATATACAGGGCTTGTGCCCTATTTACAG
 CAATTTCTTGCTTTTCAAATTTCTTATTTTTTTTCCAAATGTTTCTGCAGCAATCCATTAC
 GACAGTTTGCAAACAATCAAATATTTGACCTAAAAACAGCAGCAACACATTTTAAAATT
 TACATTTGCTTAGATAGAAAGCAGCTAATCATACTGATTAACAAAAACAACAACAAT
 TTCAGAATCTTTGGCAGCCATTACCAGAGAGGCATCACATCAGGGAACCATACTCTTCC
 CAGGTATTTGGAGACTTCAGTGTGAATTTATCTAGGCTATAATCCTCATCAGGGATCAA
 AACTTNCATACAGAGAGCTGTGTTAACCTTCTCTCACACAGTCTTACAAACCTGAT
 GAAGGCACTGCAGCTAAGTACATTTGCTGAGGCCAAGCTGTTAGGTTGTACAGTGTTT
 ANNCATACAATAAGTTCATATCAAGAAGCTTGAGATCATAGCACACACACTTACTCATCA
 GTCGAGGAAGTTGAGACCTACCGTCTTAAACACTTGCTGACTGACGACAAATAAGGTGAG
 TACAGGGTTTCTTCTTGAAGACGTTTGAATCTCTTATTGAAGGAGGGCTACAATTTACT
 TNGGGAAGTTAAAATGCTCCACGGT

Restriction Sites:

NotI-NotI

ACCN:

NM_012159

Insert Size:

2500 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_012159.1](#), [NP_036291.1](#)

RefSeq Size: 1333 bp

RefSeq ORF: 831 bp

Locus ID: 26223

Cytogenetics: 5q31.1

Gene Summary: This locus represents a transcribed pseudogene that is related to genes encoding members of the F-box family of proteins. [provided by RefSeq, Nov 2017]
 Transcript Variant: This variant (1, coding) encodes the functional protein.