

Product datasheet for **SC335761**

FBXL19 (NM_001282351) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXL19 (NM_001282351) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXL19
Synonyms:	CXXC11; Fbl19; JHDM1C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335761 representing NM_001282351. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGTGCCAGCTGCTGGAACGGTGCCTGACACCTCCTCTTCTCCTCGGACTCAGACTCCGACTCCGAC
 TCTTCGGGCACATCGCTGAGTGAGGACGAAGCCCCGGCGAGGCCGGAATGGGCGACGGCCAGCCCGG
 GGCAGCTCTGGCGAGAAGGAGAACCGTGGGGGGCGGGGCTGTGCGCCCTGGCAGTGGGGGGCCCTA
 CTCAGCTGGCCCTGGGCCCAGCCCCACCACCCGGCCTCCACAGCTGGAGCGGCACGTGGTGGGCCC
 CCGCCTCGAAGCCCTGAGCCCGACACACTCCCCTTGGCTGCTGGATCCGACCACCCCTGCCCGGGCC
 GCCTGGCTTCGCGTCTTCCAGCACCTCGGGCCGCGGGAGCTGTGTATCTGCATGCGAGTCTGCCGAAT
 TGGAGCCGCTGGTGTATGACAAGCGTCTGTGGCCTCGAATGGACCTGAGCCGGCGGAAGTCACTGACC
 CCGCCCATGCTCAGTGGTGTGGTTCGCCGCCAGCCCCGTGCCCTGGACCTCAGCTGGACAGGTGTCTCC
 AAGAAGCAGCTCATGTGGCTTCTGAACCGACTACAAGGCTGCAGGAGCTGGTGTCTCTGGCTGTCTCC
 TGGCTCTCTGTCTGTCCCTGGGCTCAGCCCCACTGCCAGCCCTGCGGCTCCTGGACCTCCGCTGGATC
 GAGGATGTTAAAGACTCCCAGCTCCGGGAGTTGCTGCTGCCTCCACCAGACACCAACCAGGGCAAACA
 GAGAGCCGTGGTCGGCTGCAGGGGTGGCAGAAGTGCCTTGGCAGGTTTGGAGCTGACAGATGCCTCC
 CTGCGTCTCCTGCTGCGTCACGACCCCACTGAGCGCCCTGGACCTGAGCCACTGCGCCACGTCGGG
 GACCCCACTGTTACCTCCTACGGCCCCACGTCCCCACTCCGCGAGACCTGGTGCACCTCAATCTT
 GCTGGTTGCCACCGCTAACGGACCACTGCCTCCGCTGTTCCGCGCTGCCCTCGTCTACGCCGCTTA
 GACCTGCGCTCCTGCCGCCAGCTCTACCCGAAGCTTGTGCCCGCTGGCAGCTGCCGGGCCCTGGC
 CCCTTCCGCTGCCCTGAGGAGAAGCTGCTTCTCAAGGACAGCTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_001282351
Insert Size:	1149 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:	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_001282351.1</u>
RefSeq Size:	3684 bp
RefSeq ORF:	1149 bp
Locus ID:	54620
UniProt ID:	<u>Q6PCT2</u>
Cytogenetics:	16p11.2
Protein Families:	Druggable Genome, Transcription Factors
MW:	42.3 kDa
Gene Summary:	This gene encodes a member of the Skp1-Cullin-F-box family of E3 ubiquitin ligases. The encoded protein is reported to bind to the transmembrane receptor interleukin 1 receptor-like 1 and regulate its ubiquitination and degradation. This protein has been linked to the regulation of pulmonary inflammation and psoriasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013] Transcript Variant: This variant (3) represents use of an alternate promoter and thus differs in the 5' UTR and 5' coding region compared to variant 1. These differences cause translation initiation at a downstream AUG, and the resulting isoform (3) has a shorter N-terminus compared to isoform 1.