

Product datasheet for **SC320289**

FBXL20 (NM_032875) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXL20 (NM_032875) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXL20
Synonyms:	Fbl2; Fbl20
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_032875.1
 GAGAGCCGAGCTAGCGACGAGCAGTCGTTGCGGCCGCCGGCGCCGGGAGGTGGTGGAG
 GCCTAGCCGGAGCCGAGAGGTCTCTTGTCCCGTCCCACGGTCCCAGGCGTCAACCCCTCCG
 GCGCCAGTCCCGTCCCGGAACCCCGGGCCTGTCTGGGCCCCCGGTCTGTGCACTCC
 GCTCGCCGAGCGCCCGGCCCGGCCACCCGCCGCCCATGAGGAGGGACGTGAACG
 GAGTGACCAAGAGCAGGTTTGAGATGTTCTCAAATAGTGATGAAGCTGTAATCAATAAAA
 AACTCCCAAAGAACTCCTGTTACGGATATTTCTTTCTAGATGTTGTTACCCGTGTGCC
 GCTGTGCTCAGGTCTCCAGGGCCTGGAATGTTCTGGCTCTGGATGGCAGTAACTGGCAGC
 GAATTGACCTATTTGATTTCCAGAGGGATATTGAGGGCCGAGTAGTGGAGAATATTTCAA
 AACGATGTGGGGCTTTTACGAAAAGTTAAGTCTTCGTGGATGTCTTGGAGTGGGAGACA
 ATGCATTAAGAACCTTTGCACAAAAGTGCAGGAACATTGAAGTACTGAATCTAAATGGGT
 GTACAAAGACAACAGACGCTACATGTACTAGCCTTAGCAAGTCTGTTCCAAACTCAGGC
 ACCTTGACTTGGCTTCTGTACATCAATAACAAACATGTCTCTAAAAGCTCTGAGTGAGG
 GATGTCCACTGTTGGAGCAGTTGAACATTTCTGGTGTGACCAAGTAACCAAGGATGGCA
 TTCAAGCACTAGTGAGGGCTGTGGGGTCTCAAGGCCTTATTCTAAAAGGCTGCACGC
 AGCTAGAAGATGAAGCTCTCAAGTACATAGGTGCACACTGCCCTGAACTGGTGACTTTGA
 ACTTGCAACTGCTTGCAAATCACAGATGAAGGTCTCATTACTATATGCAGAGGGTGCC
 ATAAGTTACAATCCCTTTGTGCCTCTGGCTGCTCCAACATCACAGATGCCATCCTGAATG
 CTCTAGGTGAGAACTGCCACGGCTTAGAATATTGGAAGTGGCAAGATGTTCTCAATTA
 CAGATGTGGGCTTTACCACTCTAGCCAGGAATTGCCATGAACTTGAAAAGATGGACCTGG
 AAGAGTGTGTTGAGATAACAGATAGCACATTAATCCAACCTTTCTATACACTGTCTCGAC
 TTCAAGTATTGAGTCTGTCTCACTGTGAGCTGATCACAGATGATGGAATTCGTCACCTGG
 GGAATGGGGCCTCGCCCATGACCAGTGGAGGTGATTGAGCTGGACAAGTGCCTGCTAA
 TCACAGATGCATCCCTGGAGCACTTGAAGAGCTGCATAGCCTTGAGCGGATAGAATCT
 ATGACTGCCAGCAAATCACACGGCTGGAATCAAGAGACTCAGGACCCATTTACCCAATA
 TAAAAGTCCACGCCTACTTCGCACCTGTCACTCCACCCCATCAGTAGGGGGCAGCAGAC
 AGCGCTTCTGCAGATGCTGCATCCTATGACAATGGAGGTGGTCAACCTTGGCGAACT
 GAGTATTTAATGACACTTCTAGAGCTACCGTGGAGTCTCTCCAGTGAAGCAACCCAGT
 GTTCTGAGCAAGGGTTACAAAGTGAAGGGAGGCAGTGTCCAGATCCCAGAGCCACACAT
 ACATACACATACACACCTTACCCCATCCACTCTAGCTTTGTGACCATGGGACTGAAGT
 TTGTGATGGCTTTTTATCAAGTAGATTGGTAAAATTTAACCATCCTGTGAGGTGCC
 ATAAGAAAATCATAGCCAAGATAGGGAGGGCATTCCAGCAAACCCCGTTAATGCTA
 CTGTGGTTTTTAAATTTTGTCTAGGGTTTTCTTTGGGGATTTTGAACAGCATCTGCTG
 TCCTCCGGGGTCAAGAAAAGCATGGAAAGACAATATATGATGTACCCAGGGACCAGAAAAG
 AAAATTTCTTTGCATCTTAGAAATGGTAGACATTCATTGTGACTAAAGAGCTTCTATGCT
 TCCTTGTTCCATGCCAACATGCTGAGCATGCTCACAAGAAGGCTCGTCCATTCCTCCT
 GTGTTTTAGTATTTGGCCAGAGGTTTCCTAAATGGTTGCCTTGAATCACTGTGGTCCA
 AATGTAATCTTACACACTCAAATATCACTGTCTGTAGCACACTGTGCACCTGTCTTA
 CATTCTGTGTTGCTCCCCCACACTCTTGCTCAGTCTGTCACCTGTTGAGTCTGCTTAC
 TCACTCAATTGTTACCCTTTTGCTGTTGTCGTGTTACAGTTTGCAATTTGAATGATTAG
 TTGGGATTACCAAACATTTTTTAAAAAGATATTATCAATAAATATTTTTTAATTCTAAA
 TTTTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_032875

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).

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:	<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:	<u>NM_032875.1</u> , <u>NP_116264.2</u>
RefSeq Size:	2423 bp
RefSeq ORF:	1311 bp
Locus ID:	84961
UniProt ID:	<u>Q96IG2</u>
Cytogenetics:	17q12
Domains:	LRR, F-box, LRR_CC
Protein Families:	Druggable Genome
Gene Summary:	<p>Members of the F-box protein family, such as FBXL20, 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]</p> <p>Transcript Variant: This variant (1) encodes isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>