

Product datasheet for **SC107233**

FBXO27 (NM_178820) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXO27 (NM_178820) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXO27
Synonyms:	FBG5; Fbx27
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107233 sequence for NM_178820 edited (data generated by NextGen Sequencing)

ATGGGCGCCTCGGTCTCCAGGGCGCGGCCCGGGTCCCCGCGCCGGAGCCGGAACCC
GAAGAGGCGCTGGACCTGAGCCAACTACCCCCAGAGCTGCTTCTGGTGGTGCTGAGCCAC
GTCCCCCGCGCACGCTGCTCGGGCGCTGCCGCCAAGTGTGCCGGGGCTGGCGAGCCCTG
GTGGACGGCCAGGCCCTGTGGCTGCTGATCCTGGCCCGCGACACGGCGCCACCGGCCGC
GCGCTGCTGCACCTCGCCCGCAGCTGCCAGTCTCCCGCCGTAACGCCAGGCCTTGCCCC
CTGGGCGCCTTCTGCGCGCGCAGACCCATCGGACGCAACCTTATTCGCAACCCCTGCGGC
CAAGAAGGCCTCCGAAAGTGGATGGTGCAACACGGTGGGACGGCTGGGTGGTGGAGGAA
AACAGGACAACCGTGCCTGGGGCCCTTCTCAGACGTGCTTCGTGACTTCATTGAGCTGG
TGTTGCAAGAAGCAGGTCTTGACCTAGAGGAGGAGGGTCTGTGGCCAGAACTGCTGGAT
AGTGGCAGGATTGAGATTGTGTCTCTGACTGGTGGGGAGCCCGACACGACAGCGGCTGT
ATGTACAGACTCCTCGTCCAACCTCTAGACGCCAACAGACTGTTCTAGATAAAATTCTCT
GCTGTGCCTGATCCCATCCCGCAGTGGAACAACAATGCCTGCCTTCACGTCAACCCAGTG
TTCTCCAACATCAAGATGGGCGTCCGCTTTGTGTCTTTCGAACACCGGGGCCAGGACACA
CAGTTCTGGGCTGGCCACTATGGAGCCCGTGTGACCAACTCCAGTGTGATCGTGCGAGTC
CGTCTGTCCTAG

Clone variation with respect to NM_178820.3



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_178820 unedited
 TAACATTTTGTAAATACGACTTCACTATAGGGCGGCCGGAATTCGCACCAGNAGGAGCGC
 CGCCAGGCCCCGGGCCGAGCCGGGCTGGCGGGGGACCATGGGCGCCTCGGTCTCCAG
 GGGCCGGGCCGCCGGGTCCCCGCGCCGAGCCGGAACCCGAAGAGGCGCTGGACCTGAG
 CCAACTACCCCCAGAGCTGCTTCTGGTGGTGTGAGCCACGTCCCCCGCGCACGCTGCT
 CGGGCGCTGCCGCAAGTGTGCCGGGGCTGGCGAGCCCTGGTGGACGGCCAGGCCCTGTG
 GCTGCTGATCCTGGCCCGCAGCACGGCGCCACCGGCCGCGCTGCTGCACCTCGCCCCG
 CAGCTGCCAGTCTCCCGCCGTAACGCCAGGCCTTGCCCCCTGGGCGGCTTCTGCGCGCG
 CAGACCCATCGGACGCAACCTTATTGCAACCCCTGCGGCCAAGAAGGCCTCCGAAAGTG
 GATGGTGAACACGGTGGGGACGGCTGGGTGGTGGAGAAAACAGGACAACCGTGCCTGG
 GGCCCCCTTCTCAGACGTGCTTCGTGACTTCATTAGCTGGTGTGCAAGAAGCAGGTCTT
 GGACCTAGAGGAGGAGGTCTGTGGCCAGAACTGCTGGATAGTGGCAGGATTGAGATTTG
 TGTCTCTGACTGGTGGGAGCCCGACACGACAGCGGTGTATGTACAGACTCCTCGTCCA
 ACTTCTAGACGCCAACCAGACTGTTCTAGATAAATTCTCTGCTGTGCCTGATCCCATCCN
 GCAGTGGNNAACACATGCCTGCCTTCACGTACCCACGTGTTCTCCACATCAAGATGGCG
 TCCGCTTTGTGTCTTTNCGACACCGGGGAGGAACACAGTTCTGGGCTGGCCCTATGAAC
 CCGTGTGACCACTTCATGTGATCTGCCGATCGTCTGCCTAATCAGCCT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_178820 unedited
 NNNGGCTCTACTATGACCGCGGCCGCTTCTANGATCGATTTTTTTTTTTTTTTTTTGGT
 TTTGGCAAATAAGAAATTTATTACATATGATTGGCAGATACATGCTGCTGATTATTATT
 CTTACTGTTTGAAAAAAGTCAAAATAAAATAATGTTATTTTAAATTTAAATACCACAC
 AATTACAGGTCTTGGAGATCAGGTTGGGCTCAAGGAATTACCTCGTTTTTTCAGAGAA
 ATCAGAGTGGGCAGAACCATCTCCAAATCTTTTTTTTTTTTGGACAGGGTCTCGCTCT
 GTCACCCAAGCTGGAGTGCAGTGGTATGATCATGGCTCACTATAGCCTCAACCTGGGCAC
 AAATGATCCTCCCACTTCAGCCTCCCAAGTAGCTTGGACTACAGGTGTGTACTACTGTAC
 CTGGCTAACTTTTGTATTTTTGTAGCGATGGGGTCTTACTACATTGCCCAAGCTGGTC
 TTGAACTCTGGGGCTCACTGATCCTCCACCTTGGCCTCCCAAGTGCAGGGATTACAG
 GTGTGAGCCACCTGCCTGATCCAACTTTTTCTTTTGGAGACAGAGTCTCGCTGTGTTG
 CCAGCTGGGGAATTGNATTGCCTTGATTCTTTGGTTAATTGGAGCCCTTTGGCTTCCCGG
 GCTTAAGCAATTCTTCTGGCCTAACCTTCCCGAGTATTTTGAATTACCGGGCCGCAC
 ACCACCCAAACCCGGGCTAATTTTTTTGGATTTTAAAGGAGAAAACGGGGTTTTACACA
 TTGTTGGCCAGACCTGGGCTTGGAACTTCCGGACCTAAGGGGATTCCGCCCGGCCCTAA
 CCTTCCCAAAGGTTTTGGGGATTACCAGCCTTGACCC

Restriction Sites:

NotI-NotI

ACCN:

NM_178820

Insert Size:

2250 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_178820.3, NP_849142.1</u>
RefSeq Size:	2338 bp
RefSeq ORF:	852 bp
Locus ID:	126433
UniProt ID:	<u>Q8NI29</u>
Cytogenetics:	19q13.2
Protein Families:	Druggable Genome
Gene Summary:	Members of the F-box protein family, such as FBXO27, 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]