

Product datasheet for **SC311108**

FBXO10 (NM_012166) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXO10 (NM_012166) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXO10
Synonyms:	FBX10; PRMT11
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_012166 edited

CACGATATGAAGAGCCTGGTTACAGTTTCGACTCCTCTCTGCAAGTGAATAGGCCAGAA
 AGGTGTAAGAGACTCTTTGAATGGACATAAAATTTCTGCTTGTAAAGAACAAGTTTGGCTC
 TGGTGACCATGGAGGCTGGTGGCTCCCCTTGGAGCTGTGGCGCATGATCTTAGCCTACT
 TGCACCTTCCCGACCTGGGCCGCTGCAGCCTGGTATGCAGGGCCTGGTATGAAGTATCC
 TCAGTCTCGACAGCACCCGCTGGCGGACGCTGTGTCTGGGTTGCACYKWGTGCCGCCATC
 CCAATTGGCCCAACCAGCCAGATGTGGAGCCTGAGTCTTGGAGAGAAGCCTTCAAGCAGC
 ATTACCTTGCATCCAAGACATGGACCAAGAATGCCTTGGACTTGGAGTCTTCCATCTGCT
 TTTCTCTATTCCGCCGAGGAGGAACGACGTACCCTGAGTGTTGGGCCAGGCCGTGAGT
 TTGACAGCCTGGGCAGTGCCTTGGCCATGGCCAGCCTGTATGACCGAATTGTGCTCTTCC
 CAGGTGTGTACGAAGAGCAAGGTGAAATCATCTTGAAGGTGCCTGTGGAGATTGTAGGGC
 AGGGGAAGTTGGGTGAAGTGGCCCTGCTGGCCAGCATTGATCAGCACTGCTCAACCACAC
 GCCTGTGCAACCTCGTCTTACGCCAGCCTGGTCTCACCCATCATGTATAAGACAACAT
 CAGGTCACGTCCAGTTTGACAACGCAACTTTGAGAACGGGCACATCCAGGTCCATGGCC
 CGGGTACTTGCCAAGTGAAGTTCTGTACCTTCAAAAACACCCATATCTTCTGCACAACG
 TGCCCTGTGTGCTGGAAGTGTGAATTTGTGGGCAGTGAAAACAACCTCTGTGACTG
 TTGAGGGTCACCCATCTGCAGATAAGAAGTGGGCCTACAAGTATCTACTAGGGCTTATCA
 AGTCTCACCCACTTTTCTCCCAACAGAGGACTCTGACTTTTAAATGTCCCTGGACCTAG
 AGAGCCGGGACAGGCCTGGAGCCCAAAGACCTGTGACATTGTTATCGAGGGCAGCCAGA
 GCCCTACCAGCCAGCTTCTAGCTCCCAAGCCAGGCTCCAAGGCTGGCTCACAGGAGG
 CAGAGGTGGGTAGTGATGGTGAAGGGTGGCCAGACCCGGACAGCAGCGATGGAGGCC
 TGAGTCCAGCGGTGAGGATGAAGATGAGGACCAGCTGATGTACAGACTATCCTACCAAG
 TGCAGGGCCACGCCCTGATTGGGGGGCTCATTCTGGGGCCACCTCTACCAGGAGCAT
 CCATCAGCTGCCAGCTGCCTAGTGCTGAACCTACTGCAGCAGGAGCTGCAGAAGGATA
 AGGAGGCCATGGCACTGGCCAACCTCCGTGCAGGGCTGCCTCATCCGAAGTGCCTCTTCC
 GGGACGGGAAGGGAGGCGTCTTCGTCTGCTCCACGGCAGAGCCAAGATGGAAGGAAACA
 TCTTCCGGAACCTGACTTACGCAGTGCGGTGTATACATAATAGCAAGATCATCATGCTCA
 GGAACGACATTTACCGTGCCGAGCGTCAGGCATCTTTCTTCGCTTGGAGGGCGGTGGCT
 TGATTGCCGGCAACAACATTTACCACAATGCAGAGGCTGGTGTAGACATCCGAAAAAGT
 CCAACCCACTCATACTGTGTAACCAGATCCACCATGGCCTTCGCTCTGGCATTGTCGTCC
 TTGGCAATGGGAAGGCATCATCCGGAACAATCAAATCTTTTCCAATAAGGAGGCTGGCA
 TTTACATCTGTACCACGGAAACCCGTTGTGAGCGGGAACACATCTTCAAGGGCCGTG
 CTGCCGGCATAGCAGTGAATGAGAACGGCAAAGGCCTCATCACAGAAAATGTCATCCGTG
 AGAATCAGTGGGGAGGTGTGGACATCCGCCGTGGAGGGATCCCCGTTCTCAGGAGTAACC
 TCATCTGCTTTGGCTATTCAGATGGTGTGGTGTGGGAGACGAAGGCAAAGGCCTCATAG
 AAGGAAATACCATCTACGCTAACAAGGGCTGTGGTGTGGATGATGTCGTCCAGCCTCC
 CCCATGTACACAGCAATCAGCTCAGCTACAATGGCCTGTATGGAGTGGCAGTATTTAGCC
 AGAAGGATGGCTCCAGCGAGTTACCTCGAGGCCACAGGGCTCAAGAGAACTTCAGCGAGG
 ATGGGGACGCCATCCTCTGGGAGACAGAGCTGGAGAAGGAGGACGACCCACTGCGCCGGC
 CCATCACCATAGCTCTTGTGAGTCTAACAGTATTAATCACAATGGAGCCTCAGGACTCT
 ATGTCCAGAGCAGCGAGGCACTGCATGTATCACCAGTGTGATCCACGGAATGGGGACA
 GAGGCATTACTGTGGCCAGAGCAGCAACCCACCCGAGTGGCCAACAACAGCATCTCCT
 GCAACCGGCAAGTGGGGTCAAGGTTGAGGCCAGTGCAAGTGGAGCTCCGGGGCAATG
 GTATCTATGACAACAGAGGCCACGGCATTATCACCAGGGCGACAGCACCATCGTCATTG
 AAAACGATATCATTGGCAACCGGGCAGCGGGCTGCAGTGTGCCCAGGTCCGACACTA
 AAGTAATAAAGAACCGGATCCACTCGTTCGGGGCTACGGCATCGCCGTGCGGGGCCGTG
 CCAAGGCCCTGGTGCAGGAAAACATCATCTTCCAGGGCAAACAGTAAGACCATCTTTC
 AGCAGATCTCAAACAACCGAGAATGCATCATGCAAAACAACAAGTTCTTGGTCTTCAAGA
 AAAAGTCTGATACGTGGCGCCTGGTGAACCCACAGCACGGCCCCACCTTGAAAAATCTC
 TCAGACGTCCCTCGGCAGCCACAATGGGCAGAAGGTGACAGCCATGGCAACGAGGATCA
 CAGCCCGGTGGAAGGTGGTTACCACAGCAACCGCAGTGTCTTCTGCACCATCCTGTGA

Restriction Sites:	Please inquire
ACCN:	NM_012166
Insert Size:	3000 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_012166.1.
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_012166.1, NP_036298.1</u>
RefSeq Size:	4564 bp
RefSeq ORF:	2865 bp
Locus ID:	26267
UniProt ID:	<u>Q9UK96</u>
Cytogenetics:	9p13.2
Protein Families:	Druggable Genome
Gene Summary:	Members of the F-box protein family, such as FBXO10, 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]