

## Product datasheet for **SC324618**

### FBXO6 (NM\_018438) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** FBXO6 (NM\_018438) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** FBXO6  
**Synonyms:** FBG2; FBS2; FBX6; Fbx6b  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_018438.4  
 AGGAGGCGGGTGCAGGTGTGGTGCTGAGCCGCCCGCCCTGGAGGGGGAGACAGCTTC  
 AGGACACGCAGGCCGACGCGAGGGCCCGGGCCCTGGGGATCCCAGGCCATGGATGCTCCC  
 CACTCCAAAGCAGCCCTGGACAGCATTAAACGAGCTGCCGAGAACATCCTGCTGGAGCTG  
 TTCACGCACGTGCCCGCCGCGCTGCTGCTGAACTGCCGCTGGTCTGCAGCCTCTGG  
 CGGGACCTCATCGACCTCATGACCCTCTGGAAACGCAAGTGCCTGCGAGAGGGCTTCATC  
 ACCAAGGACTGGGACCAGCCCGTGGCCGACTGGAAAATCTTCTACTTCTACGGAGCCTG  
 CATAGGAACCTCTGCGCAACCCGTGTGCTGAAGAGGATATGTTTGCATGGCAAATTGAT  
 TTCAATGGTGGGACCGCTGGAAGGTGGAGAGCCTCCCTGGAGCCACGGGACAGATTTT  
 CCTGACCCCAAAGTCAAGAAGTATTTTGTACATCCTACGAAATGTGCCTCAAGTCCCAG  
 CTGGTGGACCTTGTAGCCGAGGGCTACTGGGAGGAGCTACTAGACACATTCGGCCGGAC  
 ATCGTGGTTAAGGACTGGTTTGCTGCCAGAGCCGACTGTGGCTGCACCTACCAACTCAA  
 GTGCAGCTGGCCTCGGCTGACTACTTCGTGTTGGCCTCCTTCGAGCCCCACCTGTGACC  
 ATCCAACAGTGGAAACAATGCCACATGGACAGAGGTCTCCTACACCTTCTCAGACTACCC  
 CGGGGTGTCCGCTACATCCTCTTCCAGCATGGGGCAGGGACACCCAGTACTGGGCAGGC  
 TGGTATGGGCCCCGAGTCACCAACAGCAGCATTGTCGTCAGCCCCAAGATGACCAGGAAC  
 CAGGCCTCCTCCGAGGCTCAGCCTGGGCAGAAGCATGGACAGGAGGAGGCTGCCAATCG  
 CCCTACCGAGCTGTTGTCCAGATTTTCTGACAGCTGTCCATCCTGTGTCTGGGTGAGCA  
 GAGGTTCTCCAGGCAGGAGCTGAGCATGGGGTGGCAGTGGAGGTCCTGTACCAGCGAC  
 TCCTGCCCGGTTCAACCCTACCAGCTTGTGGTAACTTACTGTCACATAGCTCTGACGTT  
 TTGTTGTAATAAATGTTTTAGGCGGGGCACTGTGGCTCACGCCTGTAATCCCAGCACTT  
 TGGGAGACCGAGGCAGGTGGATCACGAGGTGAGGAGATAGAGACCATCCTGGCCAACAG  
 GTGAAACCCTGTCTACTAAAAATACAAAAAATTAGCCGGGCGTGGTGGCGGGCGCCTG  
 TAGTCCCAGTACTCGGGAGGCTGATGCAGAAGAATGGCGTGAACCCGGAAGGCAGAGCT  
 TGCAGTGAGCCGAGATCACGCCACTGCACTCCAGCCTGGGTGACAGAGCGAGACTCTGGC  
 TCATAAAATAATAATAATAATAATAAATAAAAAATAAATGTTTTCAAAAAAAAAAAAA  
 AAAAAAAAAAAAAA



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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_018438
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_018438.4</a> , <a href="#">NP_060908.1</a>
<b>RefSeq Size:</b>	1535 bp
<b>RefSeq ORF:</b>	882 bp
<b>Locus ID:</b>	26270
<b>UniProt ID:</b>	<a href="#">Q9NRD1</a>
<b>Cytogenetics:</b>	1p36.22
<b>Domains:</b>	F-box, FBA
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class, and its C-terminal region is highly similar to that of rat NFB42 (neural F Box 42 kDa) which may be involved in the control of the cell cycle. [provided by RefSeq, Jul 2008]