

## Product datasheet for **SC322769**

### **FBXO24 (NM\_033506) Human Untagged Clone**

#### **Product data:**

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                     |
| Product Name:             | FBXO24 (NM_033506) Human Untagged Clone |
| Tag:                      | Tag Free                                |
| Symbol:                   | FBXO24                                  |
| Synonyms:                 | FBX24                                   |
| 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 SC322769  
 GCTCAGATCGGGAGGTGGAGCCAATCAGGTCCAACCAAGAGGAGGGGACACCGGCACTCC  
 ACTAGCAGGAAAACGGGCCGAGGGACCGCAAGCAGGGGTGCCTAGTCCTCGTCCCCAA  
 AGACCAATCGTAAGCCAGATACAGGCGAGTGACTGTCAAGAAGGCCAATTAGAGCCTCCG  
 AAGGGAATCTGGACCTGCCTCTTCTCTGAGGGACGGCTACCTACCAATAGCATGGGCG  
 AGAAGGCGGTCCCTTTGCTAAGGAGGAGCGGGTGAAGAGAAGCTGCCCTCTTTGTGGCT  
 CGGAGCTTGGGGTTGAAGAGAAGAGGGGAAAGGAAATCCGATTTCATCCAGTTGTTCC  
 CCCAGAGCTGGTGGAGCATATCATCTCATTCCCTCCAGTCAGAGACCTGTTGCCCTCG  
 GCCAGACCTGCCGCTACTTCCACGAAGTGTGCGATGGGGAAGGCGTGTGGAGACGCATCT  
 GTCGCAGACTCAGTCCGCGCCTCCAAGATCAGGGTTCTGGAGTCCGGCCCTGGAAGAGAG  
 CTGCCATTCTGAACTACACGAAGGCCTGTATTTCCAGGCATTTGGAGGCCGCCGCGAT  
 GTCTCAGCAAGAGCGTGGCCCCCTTGTAGCCACGGCTACCGCCGCTTCTTGCCACCA  
 AGGATCACGTCTTATTCTTGACTACGTGGGGACCCTCTTCTCCAAAAATGCCCTGG  
 TCTCCACCCTCGCCAGATGCAGTGAAGCGGGCTGTCGCTATGTTGTGTTGTGTCGTG  
 GAGCCAAGGATTTGCCCTCGGACCAAGGTGTGACACAGTTTACGTAATACCTCTACG  
 TCTTGGCCACTCGGGAGCCGAGGAAGTGGTGGTACCACCAGCAGCCGGCCTGTGACT  
 GTGTTGAGGTCTATCTGCAGTCTAGTGGGCAGCGGGTCTCAAGATGACATTCCACCACT  
 CAATGACCTTCAAGCAGATCGTGTGTTGGTCAAGGAGACCCAGCGGGCTCTACTGCTCC  
 TCACAGAGGAAGGAAAGATCTACTCTTTGGTAGTGAATGAGACCCAGCTTGACCAGCCAC  
 GCTCTACACGGTTCAGCTGGCCCTGAGGAAGGTGTCCCACTACCTGCCTCACCTGCGCG  
 TGGCCTGCATGACTTCCAACCAGAGCAGCACCCCTACGTACAGACCAGGGGGAGTGT  
 ATTTTGAAGTGCATACCCAGGGGTGTATCGCGATCTCTTTGGGACCCTCAAGCCTTTG  
 ACCCCTGGACCAGCAGATGCCGCTTGTCTCTCACTGCCTGCCAAGATCCTATTCTGTG  
 CTCTTGGCTACAACCACTTGGCCTGGTGGATGAATTTGGCCGAATCTTATGCAAGGAA  
 ATAACAGATACGGGCAGCTAGGAACAGGGGACAAAATGGACCCAGGGGAACCCACACAGG  
 TTTGTTACCTGCAGCGGCCATCACCTGTGGTGCGGCCTCAACCACTCCCTGGTGTGA  
 GCCAGAGCTCAGAGTTCAGCAAGGAGCTGCTGGGCTGCGGCTGTGGGGCTGGGGGCCGC  
 TCCCAGGCTGGCCAAGGGGAGTGCCTCCTTCTGCAAGCTCCAAGTCAAGGTCCCTCTGT  
 GTGCTGTGCCCTGTGCCACCCAGGGAGTGCCTATACATCTGTCCAGCCACGACATTG  
 AGCAGCACGCCCCATCGCCACCTGCCAGCCAGCAGGGTGGTGGGACTCCTGAGCCCA  
 GCCTGGGGGCCAGAGCACCCAGGACCCGGGGGATGGCCAGGCCTGCGAGGAGTACC  
 TCAGCCAGATCCACAGTTGCCAAACGTTGCAAGGACCGCACGGAGAAGATGAAGGAGATCG  
 TAGGGTGGATGCCCTGATGGCCGCACAGAAGGACTTCTTCTGGGAGGCCCTGGACATGC  
 TGCAGAGGGCTGAAGGAGGCGGGGGTGGTGTAGGGCCCCAGCCCTGAGACCTAATCCC  
 CCTCATGTAGCCTAGTCCCTGGAGGAGGGAGTCCGGCCCCAGGCCAGGGACTAAGGAGC  
 AATGACCATTGTGCATGCGTGTGGGAAGGGTGTGCTAGGGGGTGGGGACGGCTAACCA  
 GGGTAAGAATGTTCAAGGGGCTGCCAGGAGGGGCCCAACCTGACTATCATGGACAAG  
 AGATTTGATGGATAGAATAAAAGGCTGCAGCGAGAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_033506

**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.

|                               |  |
|-------------------------------|--|
| <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>                | <u><a href="#">NM_033506.2</a></u> , <u><a href="#">NP_277041.1</a></u>  |
| <b>RefSeq Size:</b>           | 2292 bp  |
| <b>RefSeq ORF:</b>            | 1743 bp  |
| <b>Locus ID:</b>              | 26261  |
| <b>UniProt ID:</b>            | <u><a href="#">O75426</a></u>  |
| <b>Cytogenetics:</b>          | 7q22.1   |
| <b>Protein Families:</b>      | Druggable Genome   |
| <b>Gene Summary:</b>          | <p>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. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2009]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes isoform 1.</p> |