

## Product datasheet for **SC106014**

### **FBXO30 (NM\_032145) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	FBXO30 (NM_032145) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXO30
Synonyms:	Fbx30
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_032145, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGAGGAGCTGCAGCATTCCATTGTGTGAATTGTGTGTCAGTAGACGGTGCATGACCAGGCCAGAGC
CAGGGATTCCTGTGATTTGATTGGTTGCCATTGGTTTGTGGTGCAGTTTTCCATTCTTGTAAGCTGA
TGAGCATCGACTTTTATGCCATTTGAACGAGTGCCTTGCTTAAATAGTGACTTTGGATGCCATTTACC
ATGGCCCGAAATAAAGTTGCTGAACATCTAGAAATGTGTCTGCAAGTGGTGTGCTGTACTATGGAAT
GGAATCGATGGCCAGTTAGTTATGCAGACCCGAAATCATATGAAAATCTAAGCAGAGATGTCGATGAAGT
GGCACAATTGGATATGGCCTTGGCTCTTCAAGACCAAAGGATGCTCTTAGAATCCCTCAAAGTAGCCACC
ATGATGTCAAAGCAACTGATAAAGTATCCAAACCTAGAGAACAAATCTCAGTTAAATCAAGTGTCCAG
AAATACCACATGCTAATGGTTTAGTGTCTGTTGATGAAGAATCTTATGGTGCACCTTATCAAGCTACTGT
AGAAAACAACCAGAAGTTTGGCTGCTGCTTTGGATATCCTGAATACTGCTACAAGAGACATTGGCATGTTA
AATACAAGTGTCCAAAATGACATGGATGAACAGCAAAAATGCGAGAGAAAGCTTAGAGGATCAAACTTGA
AAGACCAAGATCATCTTTATGAGGAGGAAATAGGAGCAGTAGGTGGAATTGACTACAATGACACAAATCA
GAATGCCAGTCTGAACAAAATGGTTCAAGTGATTTATTATGTGACTTGAATACAAGTTCTTATGCACT
TCTGCTCTTTGTAATGGCTTTCCTTTGGAAAATATATGTACCCAGGTCATAGACCAGAATCAGAATTTAC
ATGGTGATTCAAAAACAAAGTAACTTAACAAATGGAGACTGTGTGGCATCATCAGATGGCAGTTCAAAACC
TTCCAGCTCACTTGCAGTGGCAGCACAACCTTAGGGAAATAATACCATCCAGTGCTTTGCCTAATGGCACA
GTTCCAGCATATCCTCATGCCAGATGATGAAGGTGAAGGTGAATTTGTGTTGGAAAAAGTAGACTTAGGGG
ACGTGAAGAAATGGATGCTTATCTTTCAGTCATGCTCCTTCATTCAATTTTCTTCTAATTCATGTTG
GTCTAAACCAAAGGAAGATAAAGCAGTAGATACATCAGATTTGGAAGTTGCAGAAGATCCTATGGGCCTC
CAAGGAATAGATCTGATCACAGCAGCATTGCTTTTTTGTCTAGGAGATTCTCCAGGAGGGAGGGGTATAT
CTGATAGCCGCATGGCTGATATTTATCACATTGACGTTGGGACTCAGACTTTTTCACTTCCATCTGCAAT
ATTAGCTACAAGTACAATGGTTGGGGAGATAGCTTCAGCTTCAGCTTGTGATCATGCCAATCCACAGCTT
TCAAATCCAAGTCCGTTTCAGACACTTGGGCTGGATTTAGTATTGGAATGTGTCGCTAGGTACCAACCCA
AGCAGCGTTCAATGTTTACCTTTGTGTGTGGACAGTTATTTAGAAGGAAAGAATTTTCTCCCACTTTAA
GAATGTGCATGGTGACATTCATGCTGGACTCAATGGCTGGATGGAACAGAGGTGCCCTTTAGCTTACTAT
GGTTGTACCTATTCTCAGCGTAGATTTGTCCATCAATAACAAGGAGCAAAGATTATACATGACCGCCATT
TGAGGTCATTTGGAGTTCAGCCATGTGTATCTACAGTATTAGTGGAGCCTGCTAGAACTGTGTGTTGGG
ATTACATAATGACCATCTAAGTAGTCTTCTTTTGTGAGTCTGCAGCATATTGCAGGCTTTCTCGATGGC
TTCAGCTTATGTCAGCTCTCATGTGTATCCAAGTTAATGAGGGATGTGTGTGGCAGCCTGCTTCAGTCTC
GTGGCATGGTCATACTGCAGTGGGGGAAAAGGAAGTATCCAGAAGGAAATTCATCATGGCAGATAAAGA
AAAGGTATGGCGATTTAGTACTGCATTTTGTCTGTTAATGAATGGAAATTTGCTGACATCCTAAGCATG
GCAGACCACTTGAAGAAATGCAGTTACAATGTTGTGCGAGAAACGGGAGGAAGCAATCCCTTTGCCATGTA
TGTGTGTGACACGAGAAGTCACTAAAGAAGGACGTTCACTACGCTCAGTTTTAAACCTGTACTTTAA
```

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_032145 unedited  
 NGGTTACATATGTATACGACTCACTATAGGCGGCCGCGATTCCGGCAGGAGATTGGATA  
 TGGCCTTGGCTCTTCAAGACAAGGATGCTCTTAGAATCCCTCAAAGTAGCCACCATGATG  
 TCAAAAAGCAACTGATAAAGTATCCAAACCTAGAGAACAATCTCAGTTAAATCAAGTGTC  
 CCAGAAATACCACATGCTAATGGTTTAGTGTCTGTTGATGAAGAATCTTATGGTGCACTT  
 TATCAAGCTACTGTAGAAACAACCAGAAGTTTGGCTGCTGCTTTGGATATCCTGAATACT  
 GCTACAAGAGACATTGGCATGTTAAATACAAGTGTCCAAATGACATGGATGAACAGCAA  
 AATGCGAGAGAAAAGCTTAGAGGATCAAAACTTGAAGACCAAGATCATCTTTATGAGGAG  
 GAAATAGGAGCAGTAGGTGGAATTGACTACAATGACACAATCAGAATGCCAGTCTGAA  
 CAAAATGGTTCAAGTGATTTATTATGTGACTTGAATACAAGTTCTTATGACACTTCTGCT  
 CTTTGTAAATGGCTTTCTTTGGAAAATATATGTACCCAGGTCATAGACCAGAATCAGAAT  
 TTACATGGTGATTCAAAACAAAGTAACTTAACAAATGGAGACTGTGTGGCATCATCAGAT  
 GGCACCTCAAACCTCCAGCTCACTTGCAGTGGCAGCACAACCTAGGGAATAATACAT  
 CCAGTGTCTTGCCTAATGGCACAGTTCAGCATATCCTCATGCCAGATGATGAAGGTGAAG  
 GTGAATTGTGTTGAAAAAGTAGACTTAGGGACATGAAGAATGTGGATGTCTTATCTTTC  
 AACATGCTCCTTCATTCAATTTCTTCTAATCATGTGGCNCTAACCCAAGAAGATAAGCG  
 TTGATACTCAGATTTGGAAGTGGGAAGATCCC

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_032145 unedited  
 TGTACCGAGGCCGATTTTANAGTCGAGATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  
 TTAAGGGAAAACCTTAATTTTATTACAACCTGAACAAATGTCCCACAAAGAAAACATTT  
 TAACAAAATGGTATGGGGCTTAAACAATAACAAAAAGAGAACAGCCCTTGTGTCCAAGA  
 AATATAAGGGGGAAAAATTTGTTAAGCGTCTCATACTCCAGGGGGCAATAACGAATTCAA  
 CTTTAAAAACACTGAATTTCAAAAAGCCTACCTATCCAACACAACCTTATTGCTTGTGTTA  
 TCCTACCCACACACACCTCCTCCACCAAACTTCAAAAGGCTATACCCCATCTCCCATG  
 GCCCTGCGAATATGCTACTTTACTTCGTTGTCTATCTCCTCTCACGAAATCACCTACACT  
 GCTTCCATTCCGCTCTTCCACTACCTTGTCTAAATCAACTCCCCAGGCGCGGTTGTTT  
 CACAACCGTCGCCTTCCCCACTTTTCTATAATATGCATCTGCCCGCTAGGCTCACAAC  
 CTTCTCGCATCACCCCACTACTGACTCCTAGACATTTCTACCTTGCCTCTTACTG  
 CCTCCCTACCTCCCTACATCCCTCCCTCATNATCTATTTCCCTATTATTCTATCCA  
 CGTGCCTCTCCNNGCATCATCTTTTCTCACTCCATCTCTGCTTCTCTCTTCCGCCACAT  
 CCTCATCCTTTTCTCTCTCTCTCTCTTCTTATACATATCGTTTTCTTNGCTCCTTTAC  
 TAAAGGCTCTCTCCCTCTCTCCTCCCCGTTTCTCCAACGTCTCTCCTTCTCTCTCTT  
 CCCTGATACTATTTCTTCCCTCTCTCCTCTCTCTGCCTCAACCTCTCCCTCACTATCAC  
 TCCCCCTCCCCCTTCTCTTCTCTCTCTCTCACATTCCCACTCACTTACCCCACTC  
 NCTCCATTCTCTCTCTTGTCTACTTTCTCCCTACCCCTTATCCCCATCTCTCTCA  
 TACAACCTACCTTTTCACTTATCCCCATCAATCTTGCTTTAAATCTTCTCCCCCTCTCT  
 TCNGTCTGCCATTCTCGNGTCTTACTCTCTCCATCCTCTCCCTACATCCTCCTCCCTCC  
 ACCTCTCCTC

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_032145

**Insert Size:**

3860 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:** [NM\\_032145.4](#), [NP\\_115521.3](#)

**RefSeq Size:** 4420 bp

**RefSeq ORF:** 2238 bp

**Locus ID:** 84085

**UniProt ID:** [Q8TB52](#)

**Cytogenetics:** 6q24.3

**Domains:** F-box

**Protein Families:** Druggable Genome

**Gene Summary:** 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 it is upregulated in nasopharyngeal carcinoma. [provided by RefSeq, Jul 2008]  
Transcript Variant: This variant (1) encodes the longer transcript. Variants 1 and 2 both encode the same protein.