

## Product datasheet for **SC314226**

### **FBXO21 (NM\_015002) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	FBXO21 (NM_015002) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXO21
Synonyms:	FBX21
Vector:	<u>pCMV6 series</u>



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<b>Fully Sequenced ORF:</b>	<p>&gt;NCBI ORF sequence for NM_015002, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGGCGCGGCGCAGCTCGACAGCGCGATGGAGGTGGTGCCGGCGCTGGCGGAGGAGGCC GCGCCGGAGGTAGCGGGCCTCAGCTGCCTCGTCAACCTGCCGGGTGAGGTGCTGGAGTAC ATCCTGTGCTGCGGCTCGCTGACGGCCGCCGACATCGGCCGTGTCTCCAGCACCTGCCGG CGGCTGCGCGAGCTGTGCCAGAGCAGCGGAAGGTGTGGAAGGAGCAGTCCGGGTGAGG TGGCCTTCCTTATGAAACACTACAGCCCACCGACTACGTCAATTGGTTGGAAGATAT AAAGTTTCGGCAAAAAGCTGGGTTAGAAGCGCGGAAGATTGTAGCCTCGTTCTCAAAGAGG TTCTTTTCAGAGCACGTTCTTGTAAATGGCTTCAGTGACATTGAGAACCTTGAAGGACCA GAGATTTTTTTTGGAGATGAACTGGTGTGTATCCTAAATATGGAAGGAAGAAAAGCTTTG ACCTGGAATACTACGCAAAAAAATTCTTTACTACCTGCGGCAACAGAAGATCTTAAAT AATCTTAAGGCCTTTCTTCAGCAGCCAGATGACTATGAGTCGTATCTTGAAGGTGCTGTA TATATTGACCAGTACTGCAATCCTCTCCGACATCAGCCTCAAAGACATCCAGGCCCAA ATTGACAGCATCGTGGAGCTTGTGTTGAAAACCCTTCGGGGCATAAACAGTCGCCACCCC AGCTTGGCCTTCAAGGCAGGTGAATCATCCATGATAATGGAATAGAAGTCCAGAGCCAG GTGCTGGATGCCATGAACTATGTCTTTACGACCAACTGAAGTTCAAGGGGAATCGAATG GATTACTATAATGCCCTCAACTATATATGCATCAGGTTTTGATTCGCAGAACAGGAATC CCAATCAGCATGTCTGCTCTATTTGACAATTGCTCGGCAGTTGGGAGTCCCCTGGAG CCTGTCAACTTCCCAAGTCACTTCTTATTAAGGTGGTGCACAGGCGCAGAAGGGGCGACC CTGGACATCTTTGACTACATCTACATAGATGCTTTTGGGAAAGGCAAGCAGCTGACAGTG AAAGAATGCGAGTACTTGATCGGCCAGCACGTGACTGCAGCACTGTATGGGTGGTCAAT GTCAAGAAGGTGTTACAGAGAATGGTGGGAAACCTGTTAAGCCTGGGGAAGCGGGAAGGC ATCGACCAGTCATACCAGCTCCTGAGAGACTCGCTGGATCTCTATCTGGCAATGTACCCG GACCAGGTGCAGCTTCTCCTCCTCCAAGCCAGGCTTTACTTCCACCTGGGAATCTGGCCA GAGAAGGTGCTTGACATCCTCCAGCACATCCAAACCCTAGACCCGGGGCAGCACGGGGCG GTGGGCTACCTGGTGCAGCACACTCTAGAGCACATTGAGCGCAAAAAGGAGGAGGTGGGC GTAGAGGTGAAGCTGCGCTCCGATGAGAAGCACAGAGATGTCTGCTACTCCATCGGGCTC ATTATGAAGCATAAGAGGTATGGCTATAACTGTGTGATCTACGGTGGGACCCCACTGC ATGATGGGACACGAGTGGATCCGGAACATGAACGTCCACAGCCTGCCGCACGGCCACCAC CAGCCTTTCTATAACGTGCTGGTGGAGGACGGCTCCTGTGATACGCAGCCCAAGAAAAC TTGGAATATAACGTGGAGCCTCAAGAAATCTCACACCCTGACGTGGGACGCTATTTCTCA GAGTTTACTGGCACTCACTACATCCCAAACGCAGAGCTGGAGATCCGGTATCCAGAAGAT CTGGAGTTTGTCTATGAAACGGTGCAGAATATTTACAGTGCAAAGAAAGAGAACATAGAT GAG </pre>
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_015002
<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).

**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\\_015002.2](#), [NP\\_055817.1](#)

**RefSeq Size:** 4227 bp

**RefSeq ORF:** 1866 bp

**Locus ID:** 23014

**UniProt ID:** [O94952](#)

**Cytogenetics:** 12q24.22

**Domains:** F-box

**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 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. Alternative splicing of this gene generates 2 transcript variants. [provided by RefSeq, Jul 2008]  
Transcript Variant: This variant (2) lacks a 21 nt fragment within the coding region, and thus encodes a 7 aa shorter isoform than variant 1.