

## Product datasheet for SC319942

### FBXO25 (NM\_012173) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** FBXO25 (NM\_012173) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** FBXO25  
**Synonyms:** FBX25  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_012173.3  
GGAGAACTATGCCATTTTTGGGTCAGGACTGGAGATCTCCTGGATGGAGTTGGATTAAGA  
CAGAAGATGGCTGGAAGAGATGTGAATCTTGTAGTCAGAACTTCAAAGAGAGAATAACC  
ATTGTAACATCAGTCACAGCATTATCTTAAATAGTGAAGATGGAGAAATATTCAATAATG  
AAGAGCATGAATATGCATCGAAAAAAGGAAAAAGGACCATTTTAGAAATGACACAAATA  
CTCAAAGGCATGGCTATTGCACCTTGGGAGAAGCCTTTAATCGTTAGACTTCTCAAGT  
GCAATTCAAGATATCCGAAGTTCAATTATGTGGTCAAAGTGTGCAGCTAATTGCAAAA  
TCCCGTTAACTTCATTGAGTGGCGTGGCACAGAAGAATTACTTCAACATTTTGGATAAA  
ATCGTTCAAAGGTTCTTGATGACCACCACAATCCTCGCTTAATCAAAGATCTTCTGCAA  
GACCTAAGCTCTACCCTCTGCATTCTTATTAGAGGAGTAGGGAAGTCTGTATTAGTGGG  
AACATCAATATTTGGATTTGCCGATTAGAACTATTCTCGCTGGCAACAACAGCTACAG  
GATCTTCAGATGACTAAGCAAGTGAACAATGGCCTCACCTCAGTGACCTTCTCTGCAC  
ATGCTGAACAACATCCTATACCGGTTCTCAGACGGATGGGACATCATCACCTTAGGCCAG  
GTGACCCACAGTTGTATATGCTTAGTGAAGACAGACAGCTGTGGAAAGAGCTTTGTGAG  
TACCATTTTGTGAAAAGCAGTTTTGTAGACATTTGATCCTTTGAGAAAAAGGTCATATT  
GAATGGAAGTTGATGTACTTTGCACTTCAGAAACATTACCCAGCGAAGGAGCAGTACGGA  
GACACACTGCATTTCTGTGGCACTGCAGCATTCTTTTTGGAAGGACTCAGGACACCCC  
TGCACGGCGCCGACCCGACAGCTGCTTACGCCTGTGTCTCCGACGACTTCATCGAC  
CTCTTCAAGTTTTAAGGGCTGCCCTGCCATCCCTATTGGAGATTGTGAATCCTGCTGTC  
TGTGAGGGCTCATAGTGAAGTGTCTGTGAGGTGGTGGAGACTCCTCGGAAGCCCTGTC  
TTCCAGAAAGCCTGGGAAGAAGTCCCTTCTGCAAGGGGGGACTGCATGGTTGCATTTT  
CATCACTGAAAGTCAAGGCCAACGAAATCATTCTACTTCTTTAAAACTCCTTCTAAG  
CATATTAAGTGAATTTTGCCTAAAAA

**Restriction Sites:** Please inquire  
**ACCN:** NM\_012173



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<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>	<u><a href="#">NM_012173.3</a></u> , <u><a href="#">NP_036305.2</a></u>
<b>RefSeq Size:</b>	2452 bp
<b>RefSeq ORF:</b>	876 bp
<b>Locus ID:</b>	26260
<b>UniProt ID:</b>	<u><a href="#">Q8TCJ0</a></u>
<b>Cytogenetics:</b>	8p23.3
<b>Domains:</b>	F-box
<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 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. Three alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (3) lacks two internal exons, as compared to variant 1. The encoded isoform (3) has an alternate N-terminus and lacks an internal segment in the 3' region, as compared to isoform 1.</p>