

Product datasheet for **SC330639**

FBXO16 (NM_001258211) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: FBXO16 (NM_001258211) Human Untagged Clone
Tag: Tag Free
Symbol: FBXO16
Synonyms: FBX16
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330639 representing NM_001258211.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGATGGCATTTCACCTCCAAAAACACAGATGGTCCCAAAATGCAGACAAAGATGAGCACCTGGACA
CCCCTAAACCATCAGCTATTGAATGACCGGTTTGACAAATGGACAGACTCTCAAAGAAGAAGAATCCTC
ACAGGCCTGTTGGAGCGCTGCTCGCTGTCCAGCAAAAGTTCTGCTGTCGAAAGCTTCAAGAGAAAATT
CCAGCAGAAGCCCTGGACTTTACAACCAAGCTTCCAAGGGTGTATCTTTATACATCTTTTCTTCTG
GACCCCTCGGAGCCTTTGTCGTTGTGCACAGGTGTGCTGGCATTGGAAGAACCTTGCTGAGCTGGACCAG
CTCTGGATGCTGAAATGTTTACGGTTTAACTGGTACATCAATTTCTCTCCAACCTCCCTTTGAGCAGGGG
ATCTGGAAGAAGCACTATATTCAAATGGTGAAAGAACTTCATATTACCAAGCCTAAGACACCCCCAAAG
GATGGATTGTAAATCGCTGACGTTCAACTAGTTACAAGCAATTCTCCAGAGGAAAAACAGTCCCCCTTA
TCAGCTTTTCGGTCCTCTTCTCTTTAAGAAAGAAGAATAACTCAGGGGAGAAAGCACTTCCACCCTGG
CGATCTTCTGATAAGCACCCAACAGATATCATTGTTTAAATTACCTAGACAACCGTGACCCCATGGAG
ACTGTCCAGCAAGGAAGAAGAAAAAGAAACCAATGACCCAGACTTCAGCCGACAGTCACATGATAAG
AAAAATAAATTGCAGGACAGAAGTAGGCTAAGAAAAGCACAATCAATGATGTCGAGGAGAAATCCCTTC
CCACTATGTCCCTAA
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001258211

Insert Size: 843 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).


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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_001258211.1](#)

RefSeq Size: 1326 bp

RefSeq ORF: 843 bp

Locus ID: 157574

UniProt ID: [Q8IX29](#)

Cytogenetics: 8p21.1

Protein Families: Druggable Genome

MW: 33.1 kDa

Gene Summary: This gene encodes a member of the F-box protein family, members of which are 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 three 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 Fbx class. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]

Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting protein (isoform 2) is shorter compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.