

Product datasheet for **SC335229**

FBXO4 (NM_001297437) Human Untagged Clone

Product data:

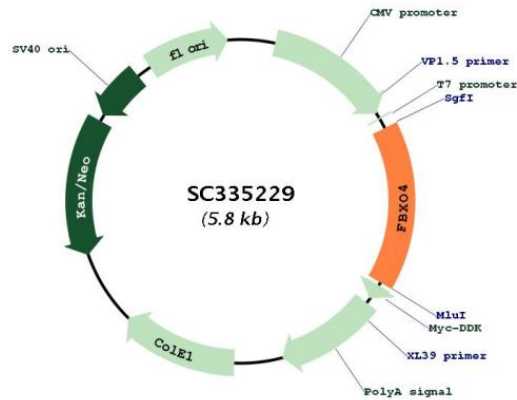
Product Type:	Expression Plasmids
Product Name:	FBXO4 (NM_001297437) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXO4
Synonyms:	FBX4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335229 representing NM_001297437. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGGAAGCGAGCCGCGCAGCGGAACAACTCGCCGCCGCCCTCAGCGACTGGGGCCGCTG
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TACATGGCAGTCTATAGAATGTGCTGTCCATACACAAGAAGAGCTTCAAATCCAGCCGCTCTATGTAT
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GCAGTTAAACAAGATGTTGAGTCGACACAATGAAGGTGATGATCAACAAGGAAGCCGGTACAGTGTGATT
CCACAGATTCAAAAAGTGTGTAAGTTGTAGATGGGTTTCTATGTTGCAAATGCTGAAGCTCATAAA
AGTCCAGGATACAGAGGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001297437

Insert Size: 918 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_001297437.1](#)

RefSeq Size: 1335 bp

RefSeq ORF: 918 bp

Locus ID: 26272

Cytogenetics: 5p13.1

Protein Families: Druggable Genome

Protein Pathways: Ubiquitin mediated proteolysis

MW: 34.6 kDa

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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]

Transcript Variant: This variant (3) lacks an internal exon in the 3' coding region, which results in a translational frameshift, compared to variant 1. The resulting isoform (3) is shorter and has a distinct C-terminus, compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.