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Product datasheet for SC310570

FBXO17 (NM_148169) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	FBXO17
Synonyms:	FBG4; Fbx17; FBX26; FBXO26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>SC310570 representing NM_148169.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAGCAAGGACTCTGGCTACTGGAGATGGGCGCCCGGCTATCGCGGCGACGGCTGCCGGCGGACCCA
TCCCTGGCCCTGGACGCGCTGCCCCCGGAGCTGCTGGTGCAGGTGCTGAGCCACGTGCCGCCACGCTCC
TTGGTCACGCGATGCCGCCCAGTGTGCCGCGCCTGGCGCGACATAGTGGACGGGCCCACTGTGTGGCTG
CTGCAGCTGGCCCGCGACCGCAGCGCCGAGGGCCGCGCACTCTACGCAGTGGCTCAACGCTGCCTGCCC
AGCAACGAAGACAAGGAGGAGTTCCCGCTGTGCGCCCTGGCGCGCTACTGTCTGCGCGCGCCCTTCGGC
CGCAATCTCATCTTCAACTCCTGCGGAGAGCAGGGCTTCAGAGGCTGGGAGGTGGAGCATGGCGGGAAC
GGCTGGGCCATAGAAAAGAACCTAACACCGGTGCCTGGGGCTCCTTCGCAGACCTGCTTCGTGACCTCT
TTCGAATGGTGCTCCAAGAGGCAGCTTGTGGACCTGGTGATGGAAGGGGTGTGGCAGGAGCTGCTGGAC
AGCGCCCAGATTGAGATCTGTGTGGCTGACTGGTGGGGCGCTCGAGAGAACTGCGGCTGCGTCTACCAG
CTCCGGGTCCGCCTTCTGGATGTGTATGAAAAGGAAGTGGTCAAGTTCTCAGCCTCACCTGACCCGGTC
CTTCAGTGGACTGAGAGGGGCTGCCGACAGGTCTCCCACGTCTTCACCAACTTTGGCAAGGGCATCCGC
TACGTATCTTTTGAGCAGTACGGGAGAGACGTGAGTTCCTGGGTGGGGCACTATGGCGCCCTTGTGACC
CACTCCAGTGTGAGGGTCAGGATCCGTCTGTCCTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_148169
Insert Size:	864 bp

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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).
OTI Annotation:	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.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_148169.2
RefSeq Size:	2183 bp
RefSeq ORF:	864 bp
Locus ID:	115290
UniProt ID:	Q96EF6
Cytogenetics:	19q13.2
Domains:	F-box, FBA
Protein Families:	Druggable Genome
MW:	32.6 kDa

Gene Summary:

This gene encodes a member of the F-box protein family which is characterized by the F-box motif. 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 contains an F-box domain. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Transcript Variant: This variant (1) contains an alternate 5' terminal exon and initiates translation at an alternate start codon, compared to variant 2. It encodes isoform 1, which has a longer N-terminus, compared to isoform 2.