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Product datasheet for SC306761

FBXO16 (NM_172366) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXO16 (NM_172366) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXO16
Synonyms:	FBX16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306761 representing NM_172366. Blue=Insert sequence Red=Cloning site Green=Tag(s) GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC ATGATGGCATTTGCACCTCCAAAAAACACAGATGGTCCCAAAATGCAGACAAAGATGAGCACCTGGACA CCCCTAAACCATCAGCTATTGAATGACCGGGTATTTGAAGAAAGAAGAGCCCTGCTTGGCAAATGGTTT GACAAATGGACAGACTCTCAAAGAAGAAGAATCCTCACAGGCCTGTTGGAGCGCTGCTCGCTGTCCCAG CAAAAGTTCTGCTGTCGAAAGCTTCAAGAGAAAATTCCAGCAGAAGCCCTGGACTTTACAACCAAGCTT CCAAGGGTGTTATCTTTATACATCTTTTCTTTCCTGGACCCTCGGAGCCTTTGTCGTTGTGCACAGGTG TGCTGGCATTGGAAGAACCTTGCTGAGCTGGACCAGCTCTGGATGCTGAAATGTTTACGGTTTAACTGG TACATCAATTTCTCTCCAACTCCCTTTGAGCAGGGGATCTGGAAGAAGCACTATATTCAAATGGTGAAA GAACTTCATATTACCAAGCCTAAGACACCCCCAAAGGATGGATTTGTAATCGCTGACGTTCAACTAGTT ACAAGCAATTCTCCAGAGGAAAAACAGTCCCCTTTATCAGCTTTTCGGTCCTCTTCCTCTTTAAGAAAG AAGAATAACTCAGGGGAGAAAGCACTTCCACCCTGGCGATCTTCTGATAAGCACCCAACAGATATCATT CGTTTTAATTACCTAGACAACCGTGACCCCATGGAGACTGTCCAGCAAGGAAGAAGAAAAAGAAACCAA ATGACCCCAGACTTCAGCCGACAGTCACATGATAAGAAAAATAAATTGCAGGACAGAACTAGGCTAAGA AAAGCACAATCAATGATGTCGAGGAGAAATCCCTTCCCACTATGTCCCTAA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
Restriction Sites:	SgfI-MluI
Plasmid Map:	
ACCN:	NM_172366
Insert Size:	879 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.
RefSeq:	NM_172366.3
RefSeq Size:	1362 bp
RefSeq ORF:	879 bp
Locus ID:	157574
UniProt ID:	Q8IX29
Cytogenetics:	8p21.1
Protein Families:	Druggable Genome
MW:	34.6 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 (1) represents the longer transcript and encodes the longer protein (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.