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Product datasheet for SC113512

FBXO6 (NM_018438) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXO6 (NM_018438) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXO6
Synonyms:	FBG2; FBS2; FBX6; Fbx6b
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018438, the custom clone sequence may differ by one or more nucleotides

ATGGATGCTCCCCACTCCAAAGCAGCCCTGGACAGCATTAACGAGCTGCCCGAGAACATCCTGCTGGAGC
TGTTCACGCACGTGCCCGCCCGCCAGCTGCTGCTGAACTGCCGCCTGGTCTGCAGCCTCTGGCGGGACCT
CATCGACCTCATGACCCTCTGGAAACGCAAGTGCCTGCGAGAGGGCTTCATCACCAAGGACTGGGACCAG
CCCGTGGCCGACTGGAAAATCTTCTACTTCCTACGGAGCCTGCATAGGAACCTCCTGCGCAACCCGTGTG
CTGAAGAGGATATGTTTGCATGGCAAATTGATTTCAATGGTGGGGACCGCTGGAAGGTGGAGAGCCTCCC
TGGAGCCCACGGGACAGATTTTCCTGACCCCAAAGTCAAGAAGTATTTTGTCACATCCTACGAAATGTGC
CTCAAGTCCCAGCTGGTGGACCTTGTAGCCGAGGGCTACTGGGAGGAGCTACTAGACACATTCCGGCCGG
ACATCGTGGTTAAGGACTGGTTTGCTGCCAGAGCCGACTGTGGCTGCACCTACCAACTCAAAGTGCAGCT
GGCCTCGGCTGACTACTTCGTGTTGGCCTCCTTCGAGCCCCCACCTGTGACCATCCAACAGTGGAACAAT
GCCACATGGACAGAGGTCTCCTACACCTTCTCAGACTACCCCCGGGGTGTCCGCTACATCCTCTTCCAGC
ATGGGGGCAGGGACACCCAGTACTGGGCAGGCTGGTATGGGCCCCGAGTCACCAACAGCAGCATTGTCGT
CAGCCCCAAGATGACCAGGAACCAGGCCTCCTCCGAGGCTCAGCCTGGGCAGAAGCATGGACAGGAGGAG
GCTGCCCAATCGCCCTACCGAGCTGTTGTCCAGATTTTCTGA

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5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_018438 unedited
GTTGGCATTTGTATACGACTCCTATAGGGCGGCCGCGAATTCGCACGAGGTGACGCGGCG
GCGGGGCCCAGCGACAACGAAGCCGAGGCCGTAGGCTCGGGCCGACCTGGAGCTCCGCCG
CTGCGCCCAGGCCATGGATGCTCCCCACTCCAAAGCAGCCCTGGACAGCATTAACGAGCT
GCCCGAGAACATCCTGCTGGAGCTGTTCACGCACGTGCCCGCCCGCCAGCTGCTGCTGAA
CTGCCGCCTGGTCTGCAGCCTCTGGCGGGACCTCATCGACCTCATGACCCTCTGGAAACG
CAAGTGCCTGCGAGAGGGCTTCATCACCAAGGACTGGGACCAGCCCGTGGCCGACTGGAA
AATCTTCTACTTCCTACGGAGCCTGCATAGGAACCTCCTGCGCAACCCGTGTGCTGAAGA
GGATATGTTTGCATGGCAAATTGATTTCAATGGTGGGGACCGCTGGAAGGTGGAGAGCCT
CCCTGGAGCCCACGGGACAGATTTTCCTGACCCCAAAGTCAAGAAGTATTTTGTCACATC
CTACGAAATGTGCCTCAAGTCCCAGCTGGTGGACCTTGTAGCCGAGGGCTACTGGGAGGA
GCTACTAGACACATTCCGGCCGGACATCGTGGTTAAGGACTGGTTTGCTGCCAGAGCCGA
CTGTGGCTGCACCTACCAACTCANAGTGCAGCTGGCCTCGGCTGACTACTTCGTGTTGGC
CTCCTTCGAGCCCCACCTGTGACCATCCAACAGTGGAAACATGCCACATGGACAGAGGTC
TNCTACACCTTCTCAGACTACCCCCGGGGTGTCCGCTACATNCTCCTTCAGCATGGGGGC
AGGGACACCANTACTGGGCAGGCTGGTATGGGCCCCGAGTCACCACAGCAGCATTGTCGT
CAGCCCCAAATGACCAGGAACAAGNCTNCTNCGAGGCTCACC
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Restriction Sites: NotI-NotI

ACCN: NM_018438

Insert Size: 1500 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_018438.4, NP_060908.1

RefSeq Size: 1535 bp

RefSeq ORF: 882 bp

Locus ID: 26270

UniProt ID: Q9NRD1

Cytogenetics: 1p36.22

Domains: F-box, FBA

Protein Families: Druggable Genome

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, and its C-terminal region is highly similar to that of rat NFB42 (neural F Box 42 kDa) which may be involved in the control of the cell cycle. [provided by RefSeq, Jul 2008]