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Product datasheet for SC327096

FBXO24 (NM_001163499) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXO24 (NM_001163499) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXO24
Synonyms:	FBX24
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>NCBI ORF sequence for NM_001163499, the custom clone sequence may differ by one or more nucleotides

ATGGTGAAGAGAAGCTGCCCTTCTTGTGGCTCGGAGCTTGGGGTTGAAGAGAAGAGGGGG
AAAGGAAATCCGATTTCCATCCAGTTGTTCCCCCCAGAGCTGGTGGAGCATATCATCTCA
TTCCTCCCAGTCAGAGACCTTGTTGCCCTCGGCCAGACCTGCCGCTACTTCCACGAAGTG
TGCGATGGGGAAGGCGTGTGGAGACGCATCTGTCGCAGACTCAGTCCGCGCCTCCAAGAT
CAGGGTTCTGGAGTCCGGCCCTGGAAGAGAGCTGCCATTCTGAACTACACGAAGGGCCTG
TATTTCCAGGCATTTGGAGGCCGCCGCCGATGTCTCAGCAAGAGCGTGGCCCCCTTGCTA
GCCCACGGCTACCGCCGCTTCTTGCCCACCAAGGATCACGTCTTCATTCTTGACTACGTG
GGGACCCTCTTCTTCCTCAAAAATGCCCTGGTCTCCACCCTCGGCCAGATGCAGTGGAAG
CGGGCCTGTCGCTATGTTGTGTTGTGTCGTGGAGCCAAGGATTTTGCCTCGGACCCAAGG
TGTGACACAGTTTACCGTAAATACCTCTACGTCTTGGCCACTCGGGAGCCGCAGGAAGTG
GTGGGTACCACCAGCAGCCGGGCCTGTGACTGTGTTGAGGTCTATCTGCAGTCTAGTGGG
CAGCGGGTCTTCAAGATGACATTCCACCACTCAATGACCTTCAAGCAGATCGTGCTGGTT
GGTCAGGAGACCCAGCGGGCTCTACTGCTCCTCACAGAGGAAGGAAAGATCTACTCTTTG
GTAGTGAATGAGACCCAGCTTGACCAGCCACGCTCCTACACGGTTCAGCTGGCCCTGAGG
AAGGTGTCCCACTACCTGCCTCACCTGCGCGTGGCCTGCATGACTTCCAACCAGAGCAGC
ACCCTCTACGTCACAGACCAGGGGGGAGTGTATTTTGAGGTGCATACCCCAGGGGTGTAT
CGCGATCTCTTTGGGACCCTTCAAGCCTTTGACCCCCTGGACCAGCAGATGCCGCTTGCT
CTCTCACTGCCTGCCAAGATCCTATTCTGTGCTCTTGGCTACAACCACCTTGGCCTGGTG
GATGAATTTGGCCGAATCTTCATGCAAGGAAATAACAGATACGGGCAGCTAGGAACAGGG
GACAAAATGGACCGAGGGGAACCCACACAGGTTTGTTACCTGCAGCGGCCCATCACCCTG
TGGTGCGGCCTCAACCACTCCCTGGTGCTGAGCCAGAGCTCAGAGTTCAGCAAGGAGCTG
CTGGGCTGCGGCTGTGGGGCTGGGGGCCGCCTCCCAGGCTGGCCCAAGGGGAGTGCCTCC
TTCGTCAAGCTCCAAGTCAAGGTCCCTCTGTGTGCCTGTGCCCTCTGTGCCACCAGGGAG
TGCCTATACATCCTGTCCAGCCACGACATTGAGCAGCACGCCCCCTATCGCCACCTGCCA
GCCAGCAGGGTGGTGGGGACTCCTGAGCCCAGCCTGGGGGCCAGAGCACCCCAGGACCCC
GGGGGGATGGCCCAGGCCTGCGAGGAGTACCTCAGCCAGATCCACAGTTGCCAAACGTTG
CAGGACCGCACGGAGAAGATGAAGGAGATCGTAGGGTGGATGCCCCTGATGGCCGCACAG
AAGGACTTCTTCTGGGAGGCCCTGGACATGCTGCAGAGGGCTGAAGGAGGCGGGGGTGGT
GTAGGGCCCCCAGCCCCTGAGACC

Restriction Sites: Please inquire

ACCN: NM_001163499

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_001163499.1, NP_001156971.1
RefSeq Size:	2031 bp
RefSeq ORF:	1707 bp
Locus ID:	26261
UniProt ID:	O75426
Cytogenetics:	7q22.1
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. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2009] Transcript Variant: This variant (4) represents use of an alternate promoter, 5' UTR, and 5' coding region, compared to variant 1. The resulting isoform (3) has a shorter and distinct N-terminus, compared to isoform 1.