

Product datasheet for **RC228461**

FBXO24 (NM_001163499) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXO24 (NM_001163499) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FBXO24
Synonyms:	FBX24
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC228461 representing NM_001163499
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGAAGAGAAGCTGCCCTTCTGTGGCTCGGAGCTTGGGTTGAAGAGAAGAGGGGAAAGGAAATC
 CGATTTCCATCCAGTTGTTCCCCCAGAGCTGGTGGAGCATATCATCTCATTCTCCAGTCAGAGACCT
 TGTGGCCCTCGGCCAGACCTGCCGCTACTTCCACGAAGTGTGCGATGGGGAAGGCGTGTGGAGACGCATC
 TGTGCGAGACTCAGTCCGCGCCTCAAGATCAGGGTCTGGAGTCCGGCCCTGGAAGAGAGCTGCCATTC
 TGAACACACGAAGGGCCTGATTTCCAGGCATTTGGAGGCCGCCCGATGTCTCAGCAAGAGCGTGGC
 CCCCTTGCTAGCCACGGCTACCGCCGCTTCTTGCCACCAAGGATCACGTCTTCATTCTTGACTACGTG
 GGGACCCTCTTCTCATAAAATGCCCTGGTCTCCACCCTCGGCCAGATGCAGTGAAGCGGGCCTGTC
 GCTATGTTGTGTGTGTCGTGGAGCCAAGGATTTGCCTCGGACCAAGGTGTGACACAGTTTACCGTAA
 ATACCTCTACGTCTTGGCCACTCGGGAGCCGAGGAAGTGGTGGTACCACCAGCAGCCGGCCCTGTGAC
 TGTGTTGAGGTCTATCTGAGTCTAGTGGCAGCGGGTCTCAAGATGACATTCCACCCTCAATGACCT
 TCAAGCAGATCGTGTGTTGGTCAGGAGACCCAGCGGGCTCTACTGCTCCTCACAGAGGAAGGAAAGAT
 CTACTCTTTGGTAGTGAATGAGACCCAGCTTGACCAGCCACGCTCCTACACGGTTCAGCTGGCCCTGAGG
 AAGGTGTCCCCTACCTGCCTCACCTGCGCGTGGCCTGCATGACTTCAAACCAGAGCAGCACCCCTACG
 TCACAGACCAGGGGGAGTGTATTTGAGGTGCATACCCAGGGGTGTATCGGATCTCTTTGGGACCCT
 TCAAGCCTTTGACCCCTGGACCAGCAGATGCCGCTTGTCTCTCACTGCCTGCCAAGATCCTATTCTGT
 GCTCTTGGCTACAACCACCTTGGCCTGGTGAATTTGGCCGAATCTCATGCAAGGAAATAACAGAT
 ACGGCAGCTAGGAACAGGGGACAAAATGGACCGAGGGGAAACCCACACAGTTTTGTACCGCGGCC
 CATCACCCCTGTGGTGCAGCCTCAACCCTCCCTGGTGTGAGCCAGAGCTCAGAGTTCAGCAAGGAGCTG
 CTGGGCTGCGGCTGTGGGCTGGGGCCGCTCCAGGCTGGCCCAAGGGGAGTGCCTCCTTCGTAAGC
 TCCAAGTCAAGGTCCCTCTGTGTGCTGTGCCCTCTGTGCCACCAGGGAGTGCCTATACATCCTGTCCAG
 CCACGACATTGAGCAGCACGCCCTATCGCCACCTGCCAGCCAGAGGGTGGTGGGACTCCTGAGCCC
 AGCCTGGGGGCCAGAGCACCCAGGACCCCGGGGGATGGCCAGGCTGCGAGGAGTACCTCAGCCAGA
 TCCACAGTTGCCAAACGTTGCAGGACCGCAGGAGAAGATGAAGGAGATCGTAGGGTGGATGCCCTGAT
 GGCCGCACAGAAGGACTTCTTGGGAGGCCCTGGACATGCTGCAGAGGGCTGAAGGAGCGGGGGTGGT
 GTAGGGCCCCAGCCCCTGAGACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC228461 representing NM_001163499
 Red=Cloning site Green=Tags(s)

MVKRSCPSCGSELGVEEKRGKGNPISIQLFPELVEHIIISFLPVRDLVALGQTCRYFHEVCDGEGVWRI
 CRRLSPRLQDQSGVPRPWKRAAILNYTKGLYFQAFGRRRCLSKSVAPLLAHGYRRFLPTKDHVFIIDYV
 GTLFFLKNALVSTLGQMQRACRYVVLCRGAKDFASDPRCDTVYRKYLYVLATREPQEVVGTSSRACD
 CVEVYLQSSGQRFKMTFHHSMTFKQIVLVGQETQRALLL TEEGKIYSLVNETQLDQPRSYTVQLALR
 KVSHYLPHLRVACMTSNQSTLYVTDQGGVYFEVHTPGVYRDLFGTLQAFDPLDQQMPLALSLPAKILFC
 ALGYNHLGLVDFGRIFMQNRYGQLGTGDKMDRGEPTQVCYLQRPITLWCGLNHSVLVLSQSEFSKEL
 LGCGCGAGGRLPGWPKGSASFVKLVKVPPLCACALCATRECLYLSSHDIHQHAPYRHLPASRVVGTPEP
 SLGARAPQDPGMAQACEEYLSQIHSCQTLQDRTEKMKIEVGMPLMAAQKDFWALDMLQRAEGGGG
 VGPPAPET

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8067_g01.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001163499

ORF Size: 1704 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001163499.2](#)

RefSeq ORF: 1707 bp

Locus ID: 26261

UniProt ID: [O75426](#)

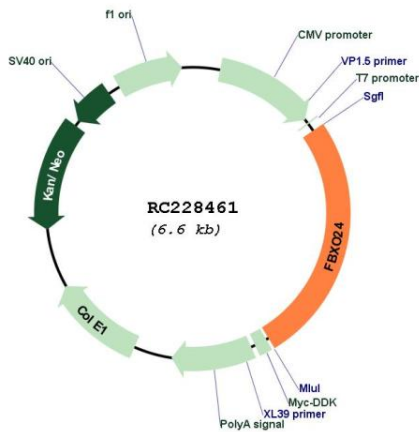
Cytogenetics: 7q22.1

Protein Families: Druggable Genome

MW: 63.3 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. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2009]

Product images:



Circular map for RC228461