

Product datasheet for **RC212734**

FBXO9 (NM_033480) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXO9 (NM_033480) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FBXO9
Synonyms:	dj341E18.2; FBX9; NY-REN-57; VCIA1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC212734 representing NM_033480
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAGAAGCTGAGGAAGATTGTCATTCTGATACTGTCAGAGCAGATGATGATGAAGAAAAATGAAAGTC
 CTGCTGAAACAGATCTGCAGGCACAACCTCAGATGTTCCGAGCTCAGTGGATGTTTGAACCTGCTCCAGG
 TGTAAGCTCTAGCAATTTAGAAAATCGACCTTGCAGAGCAGCAAGAGGCTCTCTCCAGAAAAACATCGGCA
 GATACCAAAGGAAAAAAGAAGCAGGCAAAAAGAAGAAAGGCTCGAGAAGCTTCTCAAAGCAGTAGAAG
 AAGAACAAAAATGGAGCTCTCTATGAAGCCATCAAGTTTTATCGTAGGGCTATGCAACTTGTACCTGATAT
 AGAGTTCAAGATTACTTATACCCGGTCTCCAGATGGTGTGGCGTTGGAAACAGCTACATTGAAGATAAT
 GATGATGACAGCAAAATGGCAGATCTTGTCTACTTCCAGCAGCAACTCACATTTCCAGGAGTCTGTGC
 TAAACTGTGTCAGCCTGAGCTTGAGAGCAGTCAGATTCACATATCAGTGTGCCAATGGAGGTCCTGAT
 GTACATCTCCGATGGGTGGTGTCTAGTGACTTGGACCTCAGATCATTGGAGCAGTTGTCTGCTGGTGTGC
 AGAGGATTCTACATCTGTGCCAGAGACCCGAAATATGGCGTCTGGCCTGCTTGAAGTTTGGGGCAGAA
 GCTGTATTAACCTGTTCCGTACACGCTCTGGAGAGAGATGTTTTAGAACGGCCTCGTGTTCGGTTTGA
 TGGCGTGTATATCAGTAAAACCATATATTCGTCAGGGGAACAGTCTCTTGTGGTTTCTATAGAGCC
 TGGCACCAGTGGAAATATTACAGGTACATAAGATTCTTTCCTGATGGCCATGTGATGATGTTGACAACCC
 CTGAAGAGCCTCAGTCCATTGTTCCACGTTTAAAGAACTAGGAATACCAGGACTGATGCAATTCTACTGGG
 TCACTATCGCTTGTACAAGACACAGACAATCAGACCAAAGTATTTGCTGTAATAACTAAGAAAAAGAA
 GAAAAACCACTTGACTATAAATACAGATATTTTCGTCGTGCCCTGTACAAGAAGCAGATCAGAGTTTTTC
 ATGTGGGGCTACAGCTATGTTCCAGTGGTCACCAGAGGTTCAACAACTCATCTGGATACATCATTCTTG
 TCACATTACTTACAATCAACTGGTGGAGACTGCAGTCAGTGCTTTTGGAGTTGACAAGATGTACACCCCC
 TTGTTCTTCGCCAGAGTAAGGAGCTACACAGCTTCTCAGAAAGGCCTCTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC212734 representing NM_033480
 Red=Cloning site Green=Tags(s)

MAEAEEDCHSDTVRADDDEENESPAETDLQAQLQMFRAQWMFELAPGVSSNLENRPCRAARGSLQKTS
 DTKGKQEQAEEKARELFLKAVEEEQNGALYEAIKFYRRAMQLVPDIEFKITYTRSPDGDGNGSYIEDN
 DDDSKMADLLSYFQQQLTFQESVLKLCQPELESSQIHSVLPMEVLMYIFRWVSSDLDLRSLEQLSLVC
 RGFYICARDPEIWRLACLKVVGRSCIKLVPYTSWREMFLEPRVRFVDFGVYISKTTYIRQGEQSLDGFYRA
 WHQVEYYRYIRFFPDGHVMMLTPEEPQSIVPRLRTRNTRTDAILLGHYRLSQDTDNQTKVFAVITKKKE
 EKPLDYKYRYFRVFPVQEQSFHVGLQLCSSGHQRFNKLIIHHSCHITYKSTGETAVSAFEIDKMYTP
 LFFARVRSYTAFSERPL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8059_h04.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_033480

ORF Size: 1311 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_033480.3](#)

RefSeq Size: 3454 bp

RefSeq ORF: 1314 bp

Locus ID: 26268

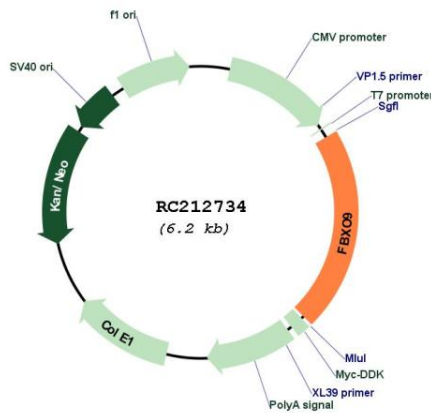
UniProt ID: [Q9UK97](#)

Cytogenetics: 6p12.1

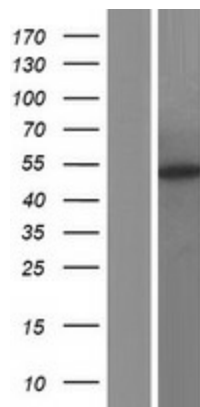
Domains: F-box
Protein Families: Druggable Genome
MW: 51 kDa

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. Alternative splicing of this gene generates at least 3 transcript variants diverging at the 5' terminus. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC212734



Western blot validation of overexpression lysate (Cat# [LY409520]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC212734 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).