

Product datasheet for RC202158

FBXO17 (NM_024907) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXO17 (NM_024907) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FBXO17
Synonyms:	FBG4; Fbx17; FBX26; FBXO26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC202158 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGGCGCCCGGCTATCGCGGCGACGGCTGCCGGCGGACCCGTCCTGGCCCTGGACGGCTGCCCCGG
AGCTGCTGGTGCAGGTGCTGAGCCACGTGCCGCCACGCTCCTGGTACGCGATGCCGCCAGTGTGCCG
CGCCTGGCGGACATAGTGGACGGGCCACTGTGTGGCTGCTGCAGCTGGCCCGGACCGCAGCGCCGAG
GGCCGCGCACTCTACGCAGTGGCTCAACGCTGCCTGCCAGCAACGAAGACAAGGAGGAGTCCCGCTGT
GCGCCCTGGCGGCTACTGTCTGCGCGGCCCTTCGGCCGAATCTCATCTTCAACTCCTGCGGAGAGCA
GGGCTTCAGAGGCTGGGAGGTGGAGCATGGCGGGAACGGCTGGCCATAGAAAAGAACCTAACACCGGTG
CCTGGGGCTCCTTCGAGACCTGCTTCGTGACCTCTTTCGAATGGTGTCCAAGAGGCAGCTTGTGGACC
TGGTGATGGAAGGGGTGTGGCAGGAGCTGCTGGACAGCGCCAGATTGAGATCTGTGTGGCTGACTGGT
GGGCGCTCGAGAGAACTGCGGCTGCGTCTACCAGCTCCGGTCCGCTTCTGGATGTGTATGAAAAGGAA
GTGGTCAAGTTCTCAGCCTCACCTGACCCGGTCTTCAGTGGACTGAGAGGGGCTGCCGACAGGTCTCC
ACGTCTTCACTACTTTGGCAAGGCATCCGCTACGTATCTTTGAGCAGTACGGGAGAGACGTGAGTTC
CTGGTGGGGCACTACGGCGCCCTTGTGACCCACTCCAGTGTGAGGGTCAGGATCCGTCTGTCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC202158 protein sequence
 Red=Cloning site Green=Tags(s)

MGARLSRRRLPADPSLALDALPELLVQVL SHVPPRSLVTRCRPVCRAWRDIVDGPTVWLLQLARDRSAE
 GRALYAVAQRCLPSNEDKEEFPLCALARYCLRAPFGRNLI FNSCGEQGFGRGWEVEHGGNGWAIEKNLTPV
 PGAPSQTCFVTSFEWCSKRQLVDLMEGVWQELLD SAQIEICVADWWGARENCGCVYQLRVRLLDVYEKE
 VVKFSASPDPVLQWTERGCRQVSHVFTNFGKGI RYVSFEQYGRDVS SSWVGHYGALVTHSSVRVIRLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6539_f12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024907

ORF Size: 834 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_024907.7](#)

RefSeq Size: 2296 bp

RefSeq ORF: 837 bp

Locus ID: 115290

UniProt ID: [Q96EF6](#)

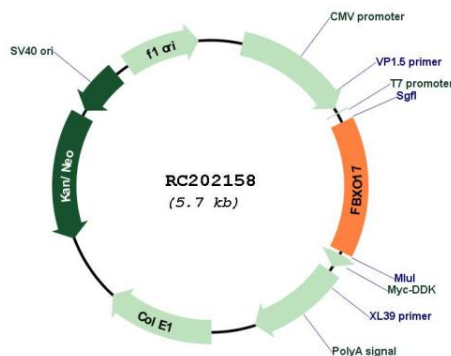
Cytogenetics: 19q13.2

Protein Families: Druggable Genome

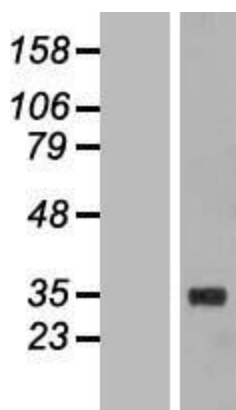
MW: 31.5 kDa

Gene Summary: This gene encodes a member of the F-box protein family which is characterized by the F-box motif. 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 it contains an F-box domain. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Product images:



Circular map for RC202158



Western blot validation of overexpression lysate (Cat# [LY411006]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC202158 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).