

Product datasheet for **RC202154**

FBX08 (NM_012180) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: FBX08 (NM_012180) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: FBX08
Synonyms: DC10; FBS; FBX8
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC202154 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGTCAAGGGTTGTGGAGAGTGGTCAGAAACCAGCAGCTGCAACAAGAAGGCTACAGTGAGCAAGGCT
 ACCTCACCAGAGAGCAGAGCAGGAGAATGGCTGCGAGCAACATTTCTAACACCAATCATCGTAAACAAGT
 CCAAGGAGGCATTGACATATATCATCTTTGAAGGCAAGGAAATCGAAAGAACAGGAAGGATTCTTAAT
 TTGGAAATGTTGCCTCCTGAGCTAAGCTTTACCATCTTGTCTACCTGAATGCAACTGACCTTTGCTTGG
 CTTTCATGTGTTTGGCAGGACCTTGCGAATGATGAACCTTCTTGCAAGGGTTGTGCAATCCACTGGGG
 TCACTGTTCCATATAAATAAGAACCACCTTTAGGATTTCTTTAGAAAATTGTATATGCAGCTGGAT
 GAAGGCAGCCTCACCTTTAATGCCAACCCAGATGAGGGAGTGAACACTTTATGTCCAAGGGTATCCTGG
 ATGATTCGCCAAAGGAAATAGCAAAGTTTATCTTCTGTACAAGAACAATAAATGGAAAAACTGAGAAT
 CTATCTTGATGAAAGGAGAGATGCTTGGATGACCTTGTAAACATTGCATAATTTAGAAAATCAGTTCTTG
 CCAAATGCACTGAGAGAAATTTTTCGCATATCCATGCCCTGAAGAGCGTGGAGAGTATCTTGAAACTC
 TTATACAAAGTTCTCACATAGATTCTGTGCTTGAACCTGATTTAATGCGAGAAGTTGGCCTTAGTCC
 TGATGCTGTCTATGACTGTGCTACTCTTTGATTCTACTTTCCATTGACCTCACTAGCCCTCATGTGAAG
 AATAAAATGTCAAAAAGGGAATTTATTCGAAATACCCGTCGCGCTCAAAAATATTAGTGAAGATTTTG
 TAGGGCATCTTTATGACAATATCTACCTTATTGGCCATGTGGCTGCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_012180.3](#)

RefSeq Size: 2564 bp

RefSeq ORF: 960 bp

Locus ID: 26269

UniProt ID: [Q9NRD0](#)

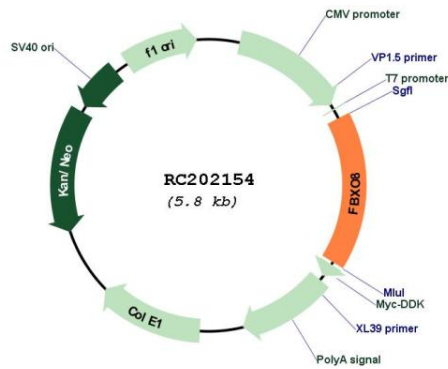
Cytogenetics: 4q34.1

Domains: Sec7, F-box

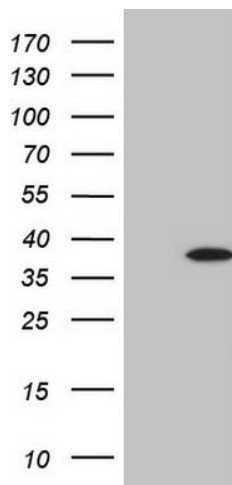
Protein Families: Druggable Genome

MW: 37.1 kDa

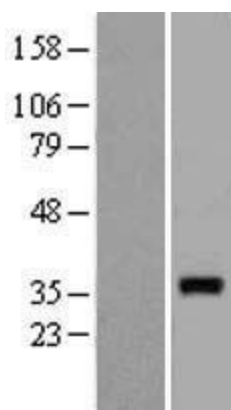
Gene Summary: This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent 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. It contains a C-terminal amino acid sequence that bears a significant similarity with a portion of yeast Sec7p, a critical regulator of vesicular protein transport. This human protein may interact with ADP-ribosylation factor(s)(ARFs) and exhibit ARF-GEF (guanine nucleotide exchange factor) activity. [provided by RefSeq, Jul 2008]

Product images:


Circular map for RC202154



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY FBXO8 (Cat# RC202154, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FBXO8 (Cat# [TA807551])(1:2000). Positive lysates [LY415927] (100ug) and [LC415927] (20ug) can be purchased separately from OriGene.



Western blot validation of overexpression lysate (Cat# [LY415927]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC202154 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).