

Product datasheet for RC204109

FBXL8 (NM_018378) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: FBXL8 (NM_018378) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: FBXL8
Synonyms: FBL8
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC204109 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCGAGCCTGGAGAGGGACTGCCAGAGGAGGTGCTGGCACTCATCTCCGCCACCTGTCCCTGAGAG
 ACCGTGCTGCCGCCGCCAGGGTCTGCAGGGCTGGGCCGCCGCTGCTACCTGCAGCGCCGTGGCACGA
 CACAAAAATCAGTTGCGAATGTGAGCTGGAAGGCATGCTGCCACCTTATCTGTCCGCTGCCTCGACCAC
 ATTCACAACCTACGGCTGGAATTTGAGCCATCGAGGAAGCCGAGCCGCCGGCGGCCATCGAGCTGCTGA
 TGGTTCTGGCGGGCCGTGCCCGGGGCTGCGAGGCTGCGCCTGGAGTGCCGCGGAGAAAAACCGCTCTT
 CGACGCGGGCCGCGACGCTCCTGGAGGCTGTGCACGCTGTATGCGGGCGGCCAGCCAGCTACGCCACCTC
 GACCTGCGGGCCTTGTCCCTTCACTGGACGACGCGCTGGTGTGCGAGGCGCGCCAGCTGTCCCGAGC
 TCCACAGCCTTTTTCTGGACAACAGTACCTAGTGGGCGAGCTGGGTCCCGGCTCAGTGCTCGAGTACT
 GGAGGCTGCCCGCGCCTGCGCGCTCTCGGCTGCACCTAGCCAGTTTGTGCGACGCCATCCTCGAAGCA
 CTGGCGGGCCAGACCGAGCGCCTTTCGCGCTCTGGCTGCGGTGCGCGTGCCTCCGAAGATGCACGCG
 CGTCCCGCTGCCAACGAAGCCTGGGTGCGTTCGCGCCGCCACCTGGGCTGGCAGTGGAGCTGGA
 GCTGGAGCCCGCTGCCCGCTGAGAGCGTGACGCGCTCCTGCAGCCAGCCGTCCCGTGGCTGCGCTG
 CGCCTCAACCTCTCAGGCGACACCGTAGGCCAGTGCCTTCGAGCACACCACCTACGCCCAACCCCTGT
 GCGCGCTCGAGGTGCGCGCAGCCGCTTCGCGCGAGCTGAACGCCGCTGGAGGAGCTGGCGGCGCGCTG
 CGCGGCCCTGCGCGAGGTGCATTGTTTCTGCGTGGTGGAGCCACTCGGTGCTGGACGCTTCCGCGCGCAC
 TGCCCGCGCTGCGCACCTATACCTCAAGCTACGCGCGAGCCGATCCTGGAGGCTACGCTCGTGG
 CG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 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.

RefSeq: [NM_018378.3](#)

RefSeq Size: 1618 bp

RefSeq ORF: 1125 bp

Locus ID: 55336

UniProt ID: [Q96CD0](#)

Cytogenetics: 16q22.1

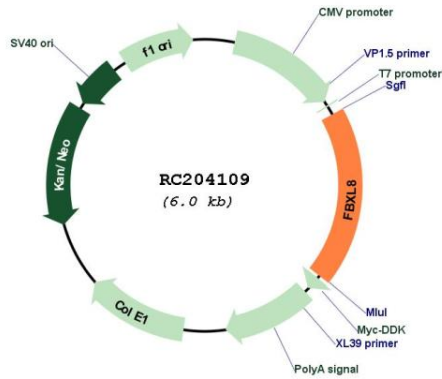
Domains: F-box

Protein Families: Druggable Genome

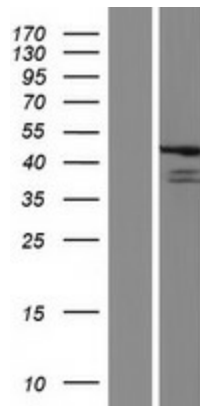
MW: 40.5 kDa

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 Fbls class. It shares 78% sequence identity with the mouse protein. [provided by RefSeq, Jul 2008]

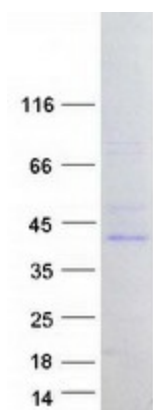
Product images:



Circular map for RC204109



Western blot validation of overexpression lysate (Cat# [LY413072]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC204109 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified FBXL8 protein (Cat# [TP304109]). The protein was produced from HEK293T cells transfected with FBXL8 cDNA clone (Cat# RC204109) using MegaTran 2.0 (Cat# [TT210002]).