

FBXL14 cDNA

Catalog Number: ATGD0453

PRODUCT INFORMATION

Catalog number

ATGD0453

Product type

cDNA

Species

Human

NCBI Accession No.

NP_689654.1

Alternative Names

Fbl14

mRNA Refseq

NM_152441.2

OMIM

609081

Chromosome location

12p13.33

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

1257bp

Preparation before usage

1. Centrifuge at 7000rpm for 1 minute.
 2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA.
- Each tube contains approximately 10ug of lyophilized plasmid.

Vector description

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

Cloning Vector

pATGen (puc19-derived cloning vector)

General Description

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FBXL14 is a substrate-recognition component of some SCF (SKP1-CUL1-F-box protein) -type E3 ubiquitin-protein ligase complexes. The SCF (FBXL14) complex acts by mediating ubiquitination and subsequent degradation of SNAIL.

DATA

Sequence nucleotides

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ATGGAGACCCACATCTCATGCCTGTTCCCGGAGCTGCTGGCCATGATCTTCGGCTACCTGGACGTCCGGGACAAGGGGCG
CGCGGCGCAGGTGTGCACCGCCTGGCGGGACGCCGCTACCACAAGTCGGTGTGGCGGGGGGTGGAGGCCAAGCTGCAC
CTGCGCCGGGCCAACCCGTCGCTGTTCCCCAGCCTGCAGGCCCGGGGCATCCGCCGGGTGCAGATCCTGAGCCTCCGCCG
CAGCCTCAGCTACGTGATCCAGGGCATGGCCAACATCGAGAGCCTCAACCTCAGCGGCTGCTACAACCTCACCGACAACGG
GCTGGGCCACGCGTTTGTGCAGGAGATCGGCTCCCTGCGCGCTCTCAACCTGAGCCTCTGCAAGCAGATCACTGACAGCA
GCCTGGGCGCATAGCCCAGTACCTCAAGGGCCTGGAGGTGCTGGAGCTGGGAGGTTGCAGCAACATACCAACACTGGC
CTTCTGCTCATCGCCTGGGGTCTGCAGCGCCTCAAGAGCCTTAACCTCCGCAGCTGCCGCCACCTTTTCGGATGTGGGCATC
GGGCACCTGGCCGGCATGACGCGCAGCGCGGCGGAGGGCTGCCTGGGCCTGGAGCAGCTCACGCTACAGGACTGCCAGA
AGCTCACAGATCTTTCTCTAAAGCACATCTCCCGAGGGCTGACGGGCCTGAGGCTCCTCAACCTCAGCTTCTGTGGGGGAA
TCTCGGACGCTGGCCTCCTGCACCTGTCGCACATGGGCAGCCTGCGCAGCCTCAACCTGCGCTCCTGTGACAACATCAGTG
ACACGGGCATCATGCATCTGGCCATGGGCAGCCTGCGCCTCTCGGGGCTGGATGTTTCGTTCTGTGACAAGGTGGGAGAC
CAGAGTCTGGCTTACATAGCCCAGGGGCTGGATGGCCTCAAGTCTCTCTCCCTCTGCTCCTGCCACATCAGTGATGATGGC
ATCAACCGCATGGTGCGGCAGATGCACGGGCTGCGCACGCTCAACATTGGACAGTGTGTGCGCATCACGGACAAGGGCCT
GGAGCTGATCGCTGAGCACCTGAGCCAACTACCGGCATAGACCTGTACGGCTGCACCCGAATACCAAGCGCGGCCTGG
AGCGCATCACGCAGCTGCCGTGCCTCAAGGTACTCAACCTGGGACTCTGGCAGATGACGGACAGTGAGAAGGAGGCACGA
GGGGATTTTCTCCATTATTCACTGTGAGAACTCGGGGAAGCTCCAGAAGGTGA
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Transaction Sequence

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METHISCLFP ELLAMIFGYL DVRDKGRAAQ VCTAWRDAAY HKSVMWRGVEA KLHLRRANPS LFPSLQARGI RRVQILSLRR
SLSYVIQGMA NIESLNLSCG YNLTDNGLGH AFVQEIGSLR ALNLSLCKQI TDSSLGRIAQ YLKGLEVL EL GGCSNITNTG
LLLIWGLQR LKSLNLRSCR H LSDVGIGHL AGMTRSA AEG CLGLEQLTLQ DCQKLTDSL KHISRGLTGL RLLNLSFCGG
ISDAGLLHLS HMGSLRSLNL RSCDNISDTG IMHLAMGSLR LSGLDVSFCD KVG DQSLAYI AQGLDGLKSL SLCSCHISDD
GINRMVRQMH GLRTL NIGQC VRITDKGLEL IAEHLSQLTG IDLYGCTRIT KRGLERITQL PCLKVLNLGL WQMTDSEKEA
RGDFSPLFTV RTRGSSRR
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