

FBLIM1 cDNA

Catalog Number: ATGD0378

PRODUCT INFORMATION

Catalog number

ATGD0378

Product type

cDNA

Species

Human

NCBI Accession No.

NP_060026.2

Alternative Names

CAL, FBLP-1, FBLP1

mRNA Refseq

NM_017556.2

OMIM

607747

Chromosome location

1p36.21

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

1122bp

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 Nde 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

FBLIM1 cDNA

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FBLIM1 is a protein with an N-terminal filamin-binding domain, a central proline-rich domain, and, multiple C-terminal LIM domains. FBLIM1 localizes at cell junctions and may link cell adhesion structures to the actin cytoskeleton. Alternative splicing results in multiple transcript variants encoding different isoforms.

DATA

Sequence nucleotides

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ATGGCCTCAAAGCCTGAGAAGAGGGTGGCATCGTCTGTCTTTATCACCTGGCACCCCCGCGCCGCGATGTGGCCGTGGC
GGAGGAAGTGAGGCAGGCAGTTTGTGAGGCCCGGCGTGGCCGCCCTGGGAGGCTCCTGCCCCCATGAAGACACCCGAG
GCTGGCTTGGCGGGGAGGCCAGCCCCCTGGACAACCCCTGGCAGAGCTGCAGCCACAGTGCCGGCTGCACCTATGCAGCT
CTTCAATGGAGGATGCCCACCCCCTCCTCCTGTCCTGGATGGTGAGGACGTGCTTCTGACCTGGACCTCCTCCCACCCCCT
CCACCGCCCCCTCCAGTGCTTCTGCCTTCTGAAGAGGAGGCTCCTGCTCCAATGGGGGCGCTCACTCATTGCAGACTTAGAG
CAGCTGCACCTGTCCCCGCCCCCGCCCCACCACAGGCCCCAGCGGAGGGACCTTCAGTCCAGCCCGGTCCCCTCAGGCC
CATGGAGGAAGAGCTGCCACCTCCCCCGGCAGAACCTGTTGAGAAAGGGGCATCCACAGACATCTGTGCCTTCTGCCACAA
GACCGTGTCCCCCGAGAGCTGGCTGTGGAGGCCATGAAGAGGCAGTACCATGCCAGTGCTTCACGTGCCGCACCTGCC
GCCGCCAGCTGGCTGGGCAGAGCTTCTACCAGAAGGATGGGCGACCCCTCTGCGAACCCCTGCTACCAGGACACACTGGAG
AGGTGCGGCAAGTGTGGCGAGGTGGTCCGGGACCACATCATCAGGGCCCTGGGCCAGGCCTTCCACCCCTCCTGCTTCAC
GTGTGTGACCTGCGCCCGGTGCATTGGGGATGAGAGCTTTGCCCTGGGCAGCCAGAACGAGGTGTACTGCCTGGACGACT
TCTACAGGAAATTCGCCCCCGTCTGCAGCATCTGTGAAAATCCCATCATCCCTCGGGATGGGAAAGATGCCTTCAAATCGA
ATGCATGGGAAGAACTTCCATGAAAATTGCTACAGGTGTGAGGACTGCAGGATCCTCCTGTCTGTGCGAGCCCACGGACCA
AGGCTGCTACCCCCTGAACAACCATCTCTTCTGCAAGCCATGCCATGTGAAGCGGAGTGCTGCGGGGTGCTGCTGA
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Transaction Sequence

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MASKPEKRVA SSVFITLAPP RRDVAVAEV RQAVCEARRG RPWEAPAPMK TPEAGLAGRSPWTTTGRRAA ATVPAAPMQL
FNGGCPPPPP VLDGEDVLPD LDLLPPPPPP PPVLLPSEEEAPAPMGASLI ADLEQLHLSP PPPPPQAPAE GPSVQPGPLR
PMEEELPPPP AEPVEKGASTDICAFCCHKTV SPRELAVEAM KRQYHAQCFT CRTCRRQLAG QSFYQKDGRP
LCEPCYQDTLRCGKCGEVV RDHIIRALGQ AFHPSCFTCV TCARCIGDES FALGSQNEVY CLDDFYRKFAFVCSICENPI
IPRDGKDAFK IECMGRNFHE NCYRCEDCRI LLSVEPTDQG CYPLNNHLFCKPCHVKRSAA GCC
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