

Product datasheet for PH305764

OriGene Technologies, Inc.

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FBLIM1 (NM_017556) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: FBLIM1 MS Standard C13 and N15-labeled recombinant protein (NP_060026)

Species: Human Expression Host: HEK293

Expression cDNA Clone

RC205764

or AA Sequence: Predicted MW:

40.7 kDa

Protein Sequence: >RC205764 protein sequence

Red=Cloning site Green=Tags(s)

MASKPEKRVASSVFITLAPPRRDVAVAEEVRQAVCEARRGRPWEAPAPMKTPEAGLAGRPSPWTTPGRAA ATVPAAPMQLFNGGCPPPPPVLDGEDVLPDLDLLPPPPPPPVLLPSEEEAPAPMGASLIADLEQLHLSP PPPPPQAPAEGPSVQPGPLRPMEEELPPPPAEPVEKGASTDICAFCHKTVFPRELAVEAMKRQYHAQCFT CRTCRRQLAGQSFYQKDGRPLCEPCYQDTLERCGKCGEVVRDHIIRALGQAFHPSCFTCVTCARCIGDES FALGSQNEVYCLDDFYRKFAPVCSICENPIIPRDGKDAFKIECMGRNFHENCYRCEDCRILLSVEPTDQG

CYPLNNHLFCKPCHVKRSAAGCC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration: >0.05 μg/μL as determined by microplate BCA method

Labeling Method: Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3

Storage: Store at -80°C. Avoid repeated freeze-thaw cycles.

Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.

RefSeq: NP 060026

 RefSeq Size:
 3363

 RefSeq ORF:
 1119

Synonyms: CAL; FBLP-1; FBLP1

Locus ID: 54751



UniProt ID: Q8WUP2

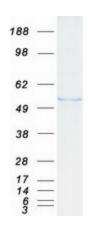
Cytogenetics: 1p36.21

Summary: This gene encodes a protein with an N-terminal filamin-binding domain, a central proline-rich

domain, and, multiple C-terminal LIM domains. This protein localizes at cell junctions and may link cell adhesion structures to the actin cytoskeleton. This protein may be involved in the assembly and stabilization of actin-filaments and likely plays a role in modulating cell adhesion, cell morphology and cell motility. This protein also localizes to the nucleus and may affect cardiomyocyte differentiation after binding with the CSX/NKX2-5 transcription factor. Alternative splicing results in multiple transcript variants encoding different isoforms.

[provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified FBLIM1 protein (Cat# [TP305764]). The protein was produced from HEK293T cells transfected with FBLIM1 cDNA clone (Cat# [RC205764]) using MegaTran 2.0 (Cat# [TT210002]).