

Recombinant Human FBLIM1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FBLIM1-2538H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FBLIM1 MS Standard C13 and N15-labeled recombinant protein (NP_060026) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	40.7 kDa
AA Sequence	MASKPEKRVASSVFITLAPPRRDVAVAEVRQAVCEARRGRPWEAPAPMKTPEAGL AGRPSPWTTTPGRAAATVPAAPMQLFNGGCPPPPVLDGEDVLPDLDLLPPPPPPPP VLLPSEEEAPAPMGASLIADLEQLHLSPPPPPQAPAEGPSVQPGPLRPMEEELPPP PAEPVEKGASTDICAFCCHKTVFPRELAVEAMKRQYHAQCFTCRTRCRRQLAGQSFYQ KDGRLCEPCYQDTLERCGKCGEVVRDHIIRALGQAFHPSCFTCVTCARCIGDESFA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LGSQNEVYCLDDFYRKFPVCSICENPIIPRDGKDAFKIECMGRNFHENCYRCEDCR
 ILLSVEPTDQGCYPLNNHLFCKPCHVKRSAAGCCTRTRPLEQKLISEEDLAANDILDY
 KDDDDKV

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

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

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name FBLIM1 filamin binding LIM protein 1 [Homo sapiens (human)]

Official Symbol FBLIM1

Synonyms FBLIM1; filamin binding LIM protein 1; filamin-binding LIM protein 1; CAL; FBLP 1; migfilin; CSX-associated LIM; MIG2-interacting protein; filamin-binding LIM protein-1; mitogen-inducible 2 interacting protein; mitogen-inducible 2-interacting protein; FBLP1; FBLP-1; RP11-169K16.5; DKFZp434G171;

Gene ID 54751

mRNA Refseq NM_017556

Protein Refseq NP_060026

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MIM 607747

UniProt ID Q8WUP2

SDS-PAGE



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