Recombinant Full Length Human FBLIM1 Protein, GST-tagged

Cat. No. FBLIM1-4878HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FBLIM1 full-length ORF (BAB55115.1, 1 a.a. - 276 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	276 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	57.2 kDa
AA Sequence	MASKPEKRVASSVFITLAPPRRDVAVAEEVRQAVCEARRGRPWEAPAPMKTPEAGL AGRPSPWTTPGRAAATVPAAPMQLFNGDICAFYHKTVFPRELAVEAMKRQYHAQC FTCRTCRRQLAGQSFYQKDGRPLCEPCYQDTLERCGKCGEVVRDHIIRALGQAFHP SCFTCVTCARCIGDESFALGSQNEVYCLDDFYRKFAPVCSICENPIIPRDGKDAFKIE

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	CMGRNFHENCYRCEDCRILLSVEPTDQGCYPLNNHLFCKPCHVKRSAAGCC
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	FBLIM1 filamin binding LIM protein 1 [Homo sapiens]
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_001024215
Protein Refseq	NP_001019386
MIM	607747

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UniProt ID	Q8WUP2

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