

Recombinant Human FBLIM1, His-tagged

Cat. No. FBLIM1-7602H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FBLIM1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-373aa
Description	Filamin binding LIM protein 1, also known as FBLIM1, serves as an anchoring site for cell-ECM adhesion proteins and filamin-containing actin filaments. This protein is implicated in cell shape modulation (spreading) and motility. It may participate in the regulation of filamin-mediated cross-linking and stabilization of actin filaments. FBLIM1 promotes activation of integrins and regulates integrin-mediated cell-cell adhesion.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	43.1 kDa (396aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMASKPEK RVASSVFITL APPRRDVAVA EEVRQAVCEA RRGRPWEAPA PMKTPEAGLA GRPSPWTTTPG RAAATVPAAP MQLFNGGCPP PPPVLDGEDV LPDLDLLPPP PPPPPVLLPS EEEAPAPMGA SLIADLEQLH LSPPPPPPQA PAEGPSVQPG PLRPMEEELP PPPAEPVEKG

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ASTDICAFCF KTVSPRELAV EAMKRQYHAQ CFTCRTCRRQ LAGQSFYQKD
GRPLCEPCYQ DTLERCGKCG EVVRDHIIRA LGQAFHPSCF TCVTCARCIG
DESFALGSQN EVYCLDDFYR KFAPVCSICE NPIIPRDGKD AFKIECMGRN
FHENCYRCED CRILLSVEPT DQGCYPLNNH LFCKPCHVKR SAAGCC

Purity >85% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term. For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 0.25 mg/ml

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_017556](#)

Protein Refseq [NP_060026](#)

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MIM	607747
UniProt ID	Q8WUP2
Chromosome Location	1p36.13
Pathway	Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-extracellular matrix interactions, organism-specific biosystem;
Function	metal ion binding; zinc ion binding;

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