

## 32-3815: FBLIM1 Recombinant Protein

**Alternative Name :** Filamin binding LIM protein 1,CAL,FBLP-1,FBLP1,RP11-169K16.5,Migfilin,Mitogen-inducible 2-interacting protein,MIG2-interacting protein.

### Description

Source : Escherichia Coli. FBLIM1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 396 amino acids (1-373) and having a molecular mass of 43.1 kDa. FBLIM1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Filamin binding LIM protein 1 (FBLIM1) plays a role as an anchoring site for cell-ECM adhesion proteins and filamin-containing actin filaments. FBLIM1 is involved in cell shape spreading and motility. FBLIM1 participates in the regulation of filamin-mediated cross-linking and stabilization of actin filaments. FBLIM1 promotes stimulation of integrins and regulates integrin-mediated cell-cell adhesion.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 85.0% as determined by SDS-PAGE.  
**Content :** The FBLIM1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSMASKPEK RVASSVFITL APPRRDVAVA EEVRQAVCEA  
RRGRPWEAPA PMKTPEAGLA GRPSPWTTTPG RAAATVPAAP MQLFNGGCPP PPPVLDGEDV LPDLDLLPPP  
PPPPVLLPS EEEAPAPMGA SLIADLEQLH LSPPPPPQA PAEGPSVQPG PLRPMEEELP PPPAEPVEKG  
ASTDICAFCFCH KTVSPRELAV EAMKRQYHAQ CFTCRTRRQ LAGQSFYQKD GRPLCEPCYQ DTLERCGKCG  
EVVRDHIIRA LGQAFHPSCF TCVTCARCIG DESFALGSQN EVYCLDDFYR KFAPVCSICE NPIIPRDGKD  
AFKIECMGRN FHENCYRCED CRILLSVEPT DQGCYPLNNH LFCKPCHVKR SAAGCC.

