
Product Data Sheet

Product Name: FBLIM1 Human

Cat. No.: GP23473

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Filamin binding LIM protein 1; CAL; FBLP-1; FBLP1; RP11-169K16.5; Migfilin; Mitogen-inducible 2-interacting protein; MIG2-interacting protein.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMASKPEK RVASSVFITL APPRRDVAVA EEVRQAVCEA RRGRPWEAPA PMKTPEAGLA GRPSPWTTTPG RAAATVPAAP MQLFNGGCPP PPPVLDGEDV LPDLDLLPPP PPPPPVLLPS EEEAPAPMGA SLIADLEQLH LSPPPPPPQA PAEGPSVQPG PLRPMEEELP PPPAEPVEKG ASTDICAFCH KTVSPRELAV EAMKRQYHAQ CFTCRTCRRQ LAGQSFYQKD GRPLCEPCYQ DTLERCGKCG EVVRDHIIRA LGQAFHPSCF TCVTARCIG DESFALGSQN EVYCLDDFYR KFAPVCSICE NPIIPRDGKD AFKIECMGRN FHENCYRCED CRILLSVEPT DQGCYPLNNH LFCKPCHVKR SAAGCC.		
Formulation	The FBLIM1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

Introduction

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.

Stability

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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Background

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.

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