

Product datasheet for **AR50937PU-N**

FBLIM1 (1-373, His-tag) Human Protein

Product data:

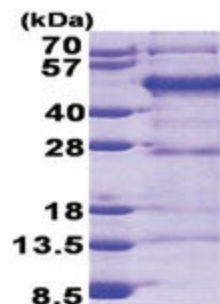
Product Type:	Recombinant Proteins
Description:	FBLIM1 (1-373, His-tag) human protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMASKPEK RVASSVFITL APPRRDVAVA EEVRQAVCEA RRGRPWEAPA PMKTPEAGLA GRPSPWTTTPG RAAATVPAAP MQLFNGGCPP PPPVLDGEDV LPDLDLLPPP PPPPPVLLPS EEEAPAPMGA SLIADLEQLH LSPPPPPQQA PAEGPSVQPG PLRPMEEELP PPPAEPVEKG ASTDICAFCH KTVSPRELAV EAMKRQYHAQ CFTCRTCRRQ LAGQSFYQKD GRPLCEPCYQ DTLERCGKCG EVVRDHIIRA LGQAFHPSCF TCVTARCIG DESFALGSQN EVYCLDDFYR KFAPVCSICE NPIIPRDGKD AFKIECMGRN FHENCYRCED CRILLSVEPT DQGCYPLNNH LFCKPCHVKR SAAGCC
Tag:	His-tag
Predicted MW:	43.1 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001019386
Locus ID:	54751
UniProt ID:	Q8WUP2
Cytogenetics:	1p36.21
Synonyms:	CAL; FBLP-1; FBLP1



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Summary:

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]

Product images:

15% SDS-PAGE (3ug)