



Recombinant Human Filamin-binding LIM protein 1 (FBLIM1)

Product Code	CSB-EP819890HU-B
Abbreviation	FBLIM1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8WUP2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MASKPEKRVA SSVFITLAPP RRDVAVAEEV RQAVCEARRG RPWEAPAPMK TPEAGLAGRP SPWTTTPGRAA ATVPAAPMQL FNGGCPPPPP VLDGEDVLPD LDLLPPPPPP PPVLLPSEEE APAPMGASLI ADLEQLHLSP PPPPPQAPAE GPSVQPGPLR PMEEELPPPP AEPVEKGAST DICAFCCHKTV SPRELAVEAM KRQYHAQCFT CRTCRRQLAG QSFYQKDGRP LCEPCYQDTL ERCGKCGEVV RDHIIRALGQ AFHPSCFTCV TCARCIGDES FALGSQNEVY CLDDFYRKFA PVCSICENPI IPRDGKDAFK IECMGRNFHE NCYRCEDCRI LLSVEPTDQG CYPLNNHLFC KPCHVKRSAA GCC
Source	E.coli
Target Names	FBLIM1
Protein Names	Recommended name: Filamin-binding LIM protein 1 Short name= FBLP-1 Alternative name(s): Migfilin Mitogen-inducible 2-interacting protein Short name= MIG2-interacting protein
Expression Region	1-373
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.



Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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