

Datasheet for ABIN7547559
FBLIM1 Protein (AA 1-373) (His tag)



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Overview

Quantity:	1 mg
Target:	FBLIM1
Protein Characteristics:	AA 1-373
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FBLIM1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FBLIM1 Protein expressed in mammalian cells.
Sequence:	<p>MASKPEKRVA SSVFITLAPP RRDVAVAEV RQAVGEARRG RPWEAPAPMK TPEAGLAGRP SPWTTPGRAA ATVPAAPMQL FNGGCPPPPP VLDGEDVLPD LDLLPPPPPP PPVLLPSEEE APAPMGASLI ADLEQLHLSP PPPPQAPAE GPSVQPGPLR PMEEELPPPP AEPVEKGAST DICAFCHKTV SPRELAVEAM KRQYHAQCFT CRTCRRQLAG QSFYQKDGRP LCEPCYQDTL ERCGKCGEVV RDHIIRALGQ AFHPSCFTCV TCARCIGDES FALGSQNEVY CLDDFYRKFA PVCSICENPI IPRDGKDAFK IECMGRNFHE NCYRCEDCRI LLSVEPTDQG CYPLNNHLFC KPCHVKRSAA GCC Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	FBLIM1
Alternative Name:	FBLIM1 (FBLIM1 Products)
Background:	Filamin-binding LIM protein 1 (FBLP-1) (Migfilin) (Mitogen-inducible 2-interacting protein) (MIG2-interacting protein),FUNCTION: Serves as an anchoring site for cell-ECM adhesion proteins and filamin-containing actin filaments. Is implicated in cell shape modulation (spreading) and motility. May participate in the regulation of filamin-mediated cross-linking and stabilization of actin filaments. May also regulate the assembly of filamin-containing signaling complexes that control actin assembly. Promotes dissociation of FLNA from ITGB3 and ITGB7. Promotes activation of integrins and regulates integrin-mediated cell-cell adhesion. {ECO:0000269 PubMed:12496242, ECO:0000269 PubMed:12679033, ECO:0000269 PubMed:18829455, ECO:0000269 PubMed:19074766}.
Molecular Weight:	40.7 kDa
UniProt:	Q8WUP2

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
