abcam

Product datasheet

Recombinant Human Migfilin protein ab156959

1 Image

Description

Product name	Recombinant Human Migfilin protein
Purity	> 85 % SDS-PAGE. ab156959 was purified by using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	**Q8WUP2**
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMASKPEKRVASSVFI TLAPPRRDVAVA EEVRQAVCEARRGRPWEAPAPMKTPEAGLAGRPSPWTT PGRAAATVPAAP MQLFNGGCPPPPPVLDGEDVLPDLDLLPPPPPPPVLLP SEEEAPAPMGA SLIADLEQLHLSPPPPPPQAPAEGPSVQPGPLRPMEEEL PPPPAEPVEKG ASTDICAFCHKTVSPRELAVEAMKRQYHAQCFTCRTCRR QLAGQSFYQKD GRPLCEPCYQDTLERCGKCGEVVRDHIIRALGQAFHPSCF TCVTCARCIG DESFALGSQNEVYCLDDFYRKFAPVCSICENPIIPRDGKD AFKIECMGRN FHENCYRCEDCRILLSVEPTDQGCYPLNNHLFCKPCHVK RSAAGCC
Predicted molecular weight	43 kDa including tags
Amino acids	1 to 373
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab156959** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid
Additional notes	Previously labelled as FBLIM1.

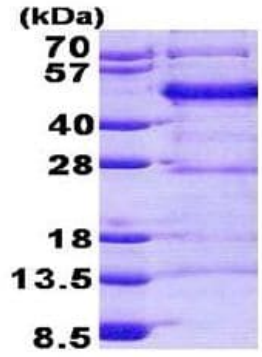
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

General Info

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.
Tissue specificity	Isoform 1 and isoform 3 are expressed in heart, kidney, lung, pancreas, placenta and platelets. Isoform 2 is expressed in brain, heart, kidney, lung, pancreas, placenta, skeletal muscle and platelets.
Sequence similarities	Contains 3 LIM zinc-binding domains.
Cellular localization	Cytoplasm > cell cortex. Cell junction > focal adhesion. Cytoplasm > cytoskeleton. Associated with actin stress fiber at cell-ECM focal adhesion sites. Isoform 1 and isoform 3 are recruited and localized at actin stress fibers and clustered at cell-EMC adhesion sites through interaction with PLEKHC1. Isoform 2 is localized at actin stress fibers.

Images



SDS-PAGE - Recombinant Human Migfilin protein (ab156959)

15% SDS-PAGE analysis of ab156959 (3 µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors