

Product datasheet

Recombinant Human liver FABP protein ab167939

1 Image

Description

Product name	Recombinant Human liver FABP protein
Purity	> 90 % Densitometry.
Expression system	Escherichia coli
Accession	<u>P07148</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MSFSGKYQLQ SQENFEAFMK AIGLPEELIQ KGKDIKGVSE IVQNGKHFKF TITAGSKVIQ NEFTVGEECE LETMTGEKVK TVVQLEGDNK LVTTFKNIKS VTELNGDIIT NTMTLGDIVF KRISKRI
Predicted molecular weight	14 kDa
Amino acids	1 to 127

Specifications

Our **Abpromise guarantee** covers the use of **ab167939** 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 Western blot ELISA
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -80°C. Constituents: 0.24% Tris, 0.29% Sodium chloride
Reconstitution	Add 200µl of deionized water to prepare a working stock solution of 0.5 mg/ml and let the

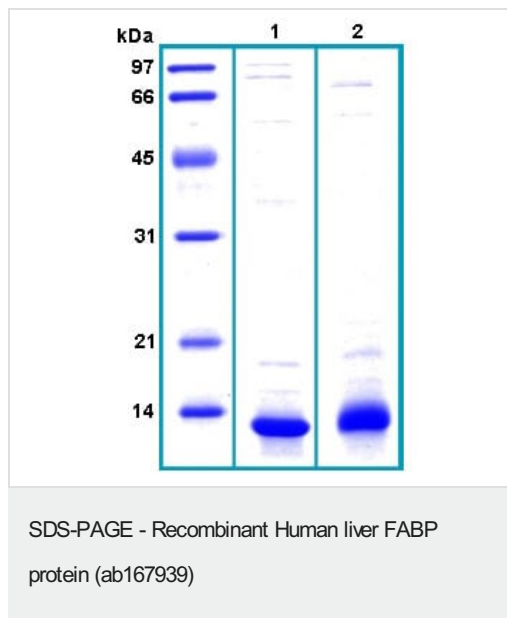
lyophilized pellet dissolve completely. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage.

Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

General Info

Function	Binds free fatty acids and their coenzyme A derivatives, bilirubin, and some other small molecules in the cytoplasm. May be involved in intracellular lipid transport.
Sequence similarities	Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
Domain	Forms a beta-barrel structure that accommodates hydrophobic ligands in its interior.
Cellular localization	Cytoplasm.

Images



14% SDS-PAGE analysis of ab167939

Lane 1: reduced and boiled sample, 5µg/lane

Lane 2: non-reduced and non-boiled sample, 5µg/lane

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

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