Intestinal Fatty Acid Binding Protein Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: Fatty acid-binding protein 2, Intestinal-type fatty acid-binding protein, I-FABP, FABP2, FABPI

Cat. No.:
RD172246100 (0.1 mg)

Description

Total 141 AA. MW: 16.32 kDa (calculated). UniProtKB acc.no. P12104. N-Terminal His-tag (10 extra AA)

Research topic

Others

Amino Acid Sequence

MKHHHHHHAS AFDSTWKVDR SENYDKFMEK MGVNIVKRKL AAHDNLKLTI TQEGNKFTVK ESSAFRNIEV VFELGVTFNY NLADGTELRG TWSLEGNKLI GKFKRTDNGN ELNTVREIIG DELVQTYVYE GVEAKRIFKK D

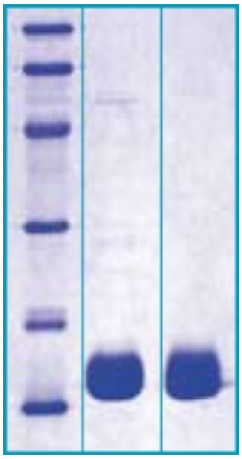
Source

E. coli

Purity

>95%

SDS-PAGE gel



14% SDS-PAGE separation of Human FABP-2
1. M.W. marker - 97, 66, 45, 31, 21, 14 kDa
2. reduced and boiled sample, 5µg/lane
3. non-reduced and non-boiled sample, 5µg/lane

Endotoxin

<1.0 EU/µg

Formulation

Filtered (0,4 µm) and lyophilized in 0.5 mg/mL in 0.05 M phosphate buffer, 0.05 M NaCl, pH 7.4

Reconstitution

Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Store lyophilized protein at -80°C. Lyophilized protein remains stable until the expiry date when stored at -80°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a week.

Quality Control Test

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
LAL TEST to determine quantity of endotoxin.

Applications

ELISA, Western blotting

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