

PRODUCT DATA SHEET

Intestinal Fatty Acid Binding Protein Human E. coli

Cat. No.: RD172246100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

Fatty acid-binding protein 2, Intestinal-type fatty acid-binding protein, I-FABP, FABP2, FABPI

Description:

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

Amino Acid Sequence:

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

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/ml solution in phosphate buffered saline, 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.

Shipping:

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

Storage/Stability:

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:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
Endotoxin level determination.

Applications:

ELISA, Western blotting

Note:

This product is intended for research use only.