

Human L-FABP/FABP1 (His Tag) recombinant protein



Catalog Number: 501397

General Information

Gene Name Synonym

Fatty acid-binding protein 1; Liver-type fatty acid-binding protein

Protein Construction

A DNA sequence encoding the human FABP1 (NP_001434.1) (Ser 2-Ile 127) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met

Molecular Mass

The recombinant human FABP1 consisting of 137

amino acids and has a calculated molecular mass of 15.6 kDa. The apparent molecular mass of the protein is approximately 15 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 8.3

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

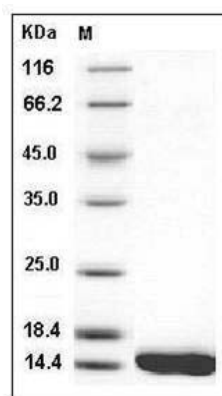
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human L-FABP / FABP1 Protein (His Tag) SDS-PAGE