

Mouse FABP4 / ALBP / A-FABP (His Tag) recombinant protein



Catalog Number: 503727

General Information

Gene Name Synonym

3T3-L1 lipid-binding protein; Adipocyte lipid-binding protein; Adipocyte-type fatty acid-binding protein; Fatty acid-binding protein 4; Myelin P2 protein homolog; P15; P2 adipocyte protein; Protein 422

Protein Construction

A DNA sequence encoding the mouse FABP4 (NP_077717.1) (Met 1-Ala 132) was expressed, with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 85 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

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

Predicted N terminal

Met 1

Molecular Mass

The recombinant mouse FABP4 comprises 143 amino acids and has a calculated molecular mass of 16 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 15 kDa band in SDS-PAGE under reducing conditions.

Formulation

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

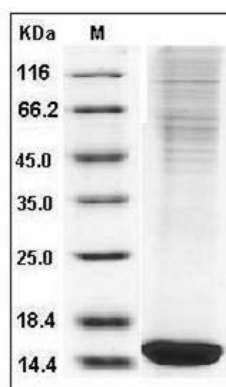
Storage

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



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