

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



Catalog Number: 503689

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) (Cys2-Ala132) was expressed with a polyhistidine tag at the N-terminus and a myc tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE.

Endotoxin

< 1.0 EU per µg 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

His

Molecular Mass

The recombinant mouse Fabp4 consists of 147 amino acids and predicts a molecular mass of 16.5 kDa.

Formulation

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 20 % glycerol, pH 7.4.

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.