

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



Catalog Number: 503664

## 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

E. coli

## QC Testing

### Purity

> 96 % 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 1

### Molecular Mass

The recombinant mouse FABP4 comprises 143 amino acids and has a calculated molecular mass of 15.4 kDa. The recombinant protein migrates as an approximately 15 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 0.14M PB, 0.5M NaCl, 20% glycerol, 1mM DTT, pH 8.0

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

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

## Usage Guide

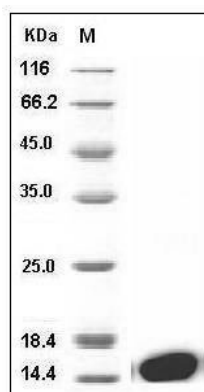
### Storage

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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SDS-PAGE