# 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**

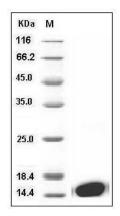
# **Storage**

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**



Mouse FABP4 / ALBP / A-FABP Protein (His Tag) SDS-PAGE