

# Human FABP4 / ALBP / A-FABP (29 Ala/Thr, His Tag) recombinant protein



Catalog Number: 500595

## General Information

### Gene Name Synonym

Adipocyte lipid-binding protein; Adipocyte-type fatty acid-binding protein; Fatty acid-binding protein 4

### Protein Construction

A DNA sequence encoding the human FABP4 (P15090) (Cys 2-Ala 132) (29 Ala / Thr) was expressed, with a polyhistidine tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 95 % 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 FABP4 consisting of 142 amino acids and has a calculated molecular mass of 16 kDa. It migrates as an approximately 15 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 50mM Tris, 200mM NaCl, 10% glycerol, pH 8.2

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

## Usage Guide

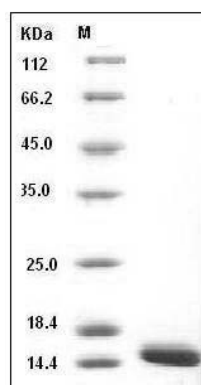
### Storage

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 FABP4 / ALBP / A-FABP Protein (29 Ala/Thr, His Tag) SDS-PAGE