

# Human BLBP/FABP7 recombinant protein



Catalog Number: 501697

## General Information

### Gene Name Synonym:

Brain lipid-binding protein; Brain-type fatty acid-binding protein; Fatty acid-binding protein 7; Mammary-derived growth inhibitor related

### Protein Construction:

A DNA sequence encoding the mature form of human FABP7 (O15540) (Met1-Ala132) was expressed.

**Source:**Human

**Expression Host:**E. coli

## QC Testing

**Activity:**

**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 FABP7 consists of 132

amino acids and predicts a molecular mass of 14.9 KDa. It migrates as an approximately 16 KDa band in SDS-PAGE under reducing conditions.

### Formulation:

Lyophilized from sterile PBS, 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

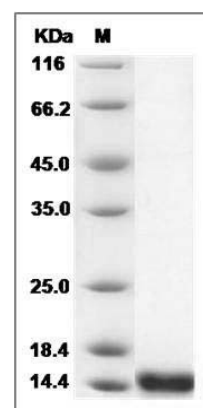
### Storage:

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.

### SDS-PAGE:



Human BLBP / FABP7 Protein SDS-PAGE