

# Human FTL/ferritin L chain (His Tag) recombinant protein



Catalog Number: 501601

## General Information

### Protein Construction

A DNA sequence encoding the human FTL (P02792) (Met 1-Asp 175) 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 FTL consisting of 191 amino acids and has a calculated molecular mass of 22.1 kDa. It migrates as an approximately 23 kDa band in SDS-PAGE under reducing conditions.

## Formulation

Lyophilized from sterile 50mM Tris, 20% glycerol, pH 9.5

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

## Usage Guide

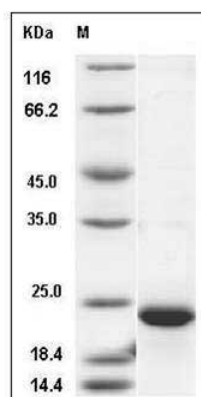
### Storage

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 FTL / ferritin, light polypeptide Protein (His Tag) SDS-PAGE