

# Human FSTL1 (His Tag) recombinant protein



Catalog Number: 501852

## General Information

### Gene Name Synonym

Follistatin-like protein 1

### Protein Construction

A DNA sequence encoding the human FSTL1 (NP\_009016.1) precursor (Met 1-Ile 308) with a carboxy-terminal polyhistidine tag was expressed.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 98 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ g of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Glu 21

### Molecular Mass

The secreted recombinant human FSTL1 consists of 299 amino acids with the predicted molecular mass of 34.2 kDa. As a result of glycosylation, rhFSTL1 migrates as an approximately 47 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

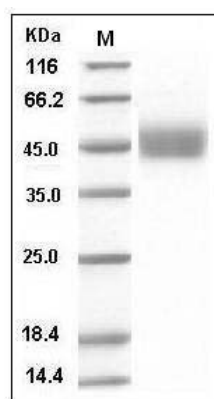
### Storage

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 FSTL1 Protein (His Tag) SDS-PAGE