# **Human Follistatin (His Tag) recombinant protein**

Catalog Number: 500587



### **General Information**

### **Protein Construction**

A DNA sequence encoding the human FST (NP\_037541.1) (Met1-Asp329) was expressed with a polyhistidine tag at the C-terminus.

## **Organism**

Human

# **Expression Host**

**Human Cells** 

# **QC Testing**

## **Activity**

Measured by its ability to neutralize Activinmediated inhibition on MPC11 cell proliferation. The ED<sub>50</sub> for this effect is typically 5-40ng/mL.

# **Purity**

> 85 % as determined by SDS-PAGE.

### **Endotoxin**

< 1.0 EU per  $\mu g$  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

Gly 30

# **Molecular Mass**

The recombinant human FST consists 311 amino acids and predicts a molecular mass of 34.4 kDa.

#### **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**

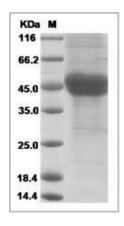
## **Storage**

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 Follistatin / FST Protein (His Tag)