# Human Statherin / STATH (Fc Tag) recombinant protein

Catalog Number: 500291



# **General Information**

#### **Protein Construction**

A DNA sequence encoding the human STATH (P02808-1) (Met1-Phe62) was fused with Fc region of mouse IgG at the C-terminus.

## Organism

Human

# **Expression Host**

**Human Cells** 

# **QC Testing**

## **Purity**

> 95 % 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

Asp 20

# **Molecular Mass**

The recombinant human STATH/mFc is a disulfide-linked homodimer. The reduced monomer comprises 277 amino acids and has a predicted molecular mass of 31.6 kDa. The

apparent molecular mass of the protein is approximately 36 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**

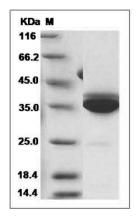
## **Storage**

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 Statherin / STATH Protein (Fc Tag) SDS-PAGE