# Mouse SPINT2/Placental bikunin (His Tag) recombinant protein

Catalog Number: 500028



# General Information

## **Protein Construction**

A DNA sequence encoding the extracellular domain (Met 1-Lys 140) of mouse SPINT2 (NP\_001076017.1) precursor was expressed with a C-terminal polyhistidine tag.

## **Organism**

Mouse

# **Expression Host**

**Human Cells** 

# **QC Testing**

# **Purity**

> 90 % as determined by SDS-PAGE

#### **Endotoxin**

 $< 1.0 \; \text{EU}$  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 31

## **Molecular Mass**

The secreted recombinant mouse SPINT2 consists of 122 amino acids and has a calculated molecular mass of 14 kDa. As a result of glycosylation, the

recombinant protein migrates as an approximately 22 kDa protein 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**

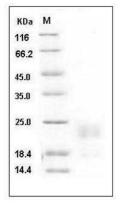
# **Storage**

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**



Mouse HAI-2 / SPINT2 Protein (His Tag) SDS-PAGE