# Human SPINT2/Placental bikunin (Fc Tag) recombinant protein

Catalog Number: 502653



# **General Information**

#### Gene Name Synonym

Hepatocyte growth factor activator inhibitor type 2; Placental bikunin

#### **Protein Construction**

A DNA sequence encoding the human SPINT2 (NP\_066925.1) (Met1-Lys197) was expressed with the Fc region of human IgG1 at the C-terminus.

# **Organism**

Human

# **Expression Host**

**Human Cells** 

# **QC Testing**

# **Activity**

Measured by its ability to inhibit trypsin cleavage of a fluorogenic peptide substrate, Mca-Arg-Pro-Lys-Pro-Val-Glu-NVAL-Trp-Arg-Lys(DNP)-NH2. The IC50 value is < 1 nM.

## **Purity**

> 90 % 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**

Ala 28

# **Molecular Mass**

The recombinant human SPINT2 consists 408 amino acids and predicts a molecular mass of 45.9 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**

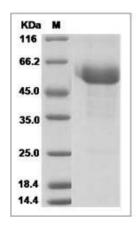
# **Storage**

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**



SPINT2 protein SDS-PAGE