

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 µg 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

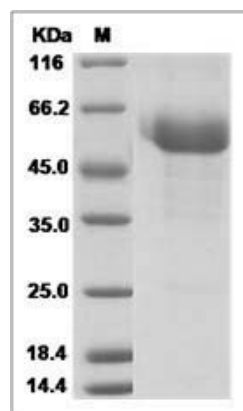
Store it under sterile conditions at -20°C to -80°C.

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