

## Recombinant Human SPINT2 Protein, His-tagged

Cat. No. SPINT2-210H Lot. No. (See product label)

### SPECIFICATION

|                             |   |
|-----------------------------|---|
| <b>Product Overview</b>     | Recombinant human SPINT2 (NP_066925.1) (Met1-Lys197) was expressed with a polyhistidine tag at the C-terminus.  |
| <b>Species</b>              | Human   |
| <b>Source</b>               | HEK293  |
| <b>ProteinLength</b>        | 1-197 a.a.  |
| <b>Predicted N Terminal</b> | Ala 33  |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.   |
| <b>Molecular Mass</b>       | The recombinant human SPINT2 consists 181 amino acids and predicts a molecular mass of 20.6 kDa.  |
| <b>Endotoxin</b>            | < 1.0 EU per µg of the protein as determined by the LAL method.   |
| <b>Purity</b>               | >(62.0+32.5) % as determined by SDS-PAGE.   |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70°C.   |
| <b>Storage</b>              | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** SPINT2 serine peptidase inhibitor, Kunitz type, 2 [ Homo sapiens ]

**Official Symbol** SPINT2

**Synonyms** SPINT2; serine peptidase inhibitor, Kunitz type, 2; serine protease inhibitor, Kunitz type, 2; kunitz-type protease inhibitor 2; HAI 2; Kop; placental bikunin; hepatocyte growth factor activator inhibitor type 2; PB; HAI2; DIAR3; HAI-2; FLJ45571;

**Gene ID** 10653

**mRNA Refseq** NM\_001166103

**Protein Refseq** NP\_001159575

**MIM** 605124

**UniProt ID** O43291

**Chromosome Location** 19q13.2

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