

## Recombinant Human SPINT2, His-tagged

**Cat. No.** SPINT2-91H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human SPINT2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>Description</b>	SPINT2, also known as kunitz-type protease inhibitor 2, inhibits HGF activator which prevents the formation of active hepatocyte growth factor. This protein has been identified as a putative tumor suppressor gene silenced by promoter methylation.
<b>Form</b>	Liquid. In phosphate buffered saline (pH 7.4), 10% glycerol.
<b>Molecular Mass</b>	20kDa (176aa) 18-28KDa (SDS-PAGE under reducing conditions.)
<b>AA Sequence</b>	ADRERSIHDF CLVSKVVGRC RASMPRWWYN VTDGSCQLFV YGGCDGNSNN YLTKEECLKK CATVTENATG DLATSRNAAD SSVPSAPRRQ DSEDHSSDMF NYEEYCTANA VTGPCRASFP RWYFDVERNS CNNFIYGGCR GNKNSYRSEE ACMLRCFRQQ ENPPLPLGSK HHHHHH
<b>Endotoxin</b>	< 1.0 eu per 1 microgram of protein (determined by lal)
<b>Purity</b>	>80% by SDS - PAGE.
<b>Storage</b>	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store

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at -20C or -70C. Avoid repeated freezing and thawing cycles.

**Concentration** 0.2mg/ml (determined by absorbance at 280nm)

## 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

**Function** endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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