Recombinant Human SPINT2, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human SPINT2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
Description	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.
Form	Liquid. In phosphate buffered saline (pH 7.4), 10% glycerol.
Molecular Mass	20kDa (176aa) 18-28KDa (SDS-PAGE under reducing conditions.)
AA Sequence	ADRERSIHDF CLVSKVVGRC RASMPRWWYN VTDGSCQLFV YGGCDGNSNN YLTKEECLKK CATVTENATG DLATSRNAAD SSVPSAPRRQ DSEDHSSDMF NYEEYCTANA VTGPCRASFP RWYFDVERNS CNNFIYGGCR GNKNSYRSEE ACMLRCFRQQ ENPPLPLGSK HHHHHH
Endotoxin	< 1.0 eu per 1 microgram of protein (determined by lal
Purity	>80% by SDS - PAGE.
Storage	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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