

Recombinant Human serine peptidase inhibitor, Kunitz type, 2, His-tagged

Cat. No. SPINT2-384H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SPINT2, 28-197aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	28-197 a.a.
Description	SPINT2 is a transmembrane protein with two extracellular Kunitz domains that inhibits a variety of serine proteases. The protein inhibits HGF activator which prevents the formation of active hepatocyte growth factor. This protein is a putative tumor suppressor, and mutations in this protein result in congenital sodium diarrhea. Recombinant human SPINT2 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea 10% glycerol
Molecular Mass	21.8 kDa (195aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMADRER SIHDFCLVSK VVGRCRASMP RWWYNVTDGS CQLFVYGGCD GNSNNYLTKE ECLKKCATVT ENATGDLATS RNAADSSVPS APRRQDSEDH SSDMFNYEEY CTANAVTGPC RASFPRWYFD VERNSCNNFI YGGCRGNKNS YRSEEACMLR CFRQQENPPL PLGSK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	: >85% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)
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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA