

Recombinant Human SPINT2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SPINT2-3247H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SPINT2 MS Standard C13 and N15-labeled recombinant protein (NP_066925) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes 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 gene is a putative tumor suppressor, and mutations in this gene result in congenital sodium diarrhea. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	28.2 kDa
AA Sequence	MAQLCGLRRSRAFLALLGSLLLSGVLAADRERSIHDFCLVSKVVGRCRASMPRWY NVTDGSCQLFVYGGCDGNSNNYLTKEECLKKCATVTENATGDLATSRNAADSSVPS APRRQDSEDHSSDMFNYYEYCTANAVTGPCRASFPWWYFDVERNSCNNFIYGGCR GNKNSYRSEEACMLRCFRQQENPPLPLGSKVVLLAGLFVMVLILFLGASMVYLIRVA RRNQERALRTVWSSGDDKEQLVKNTYVLTRTRPLEQKLISEEDLAANDILDYKDDDD KV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

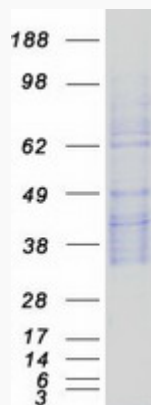
GENE INFORMATION

Gene Name	SPINT2 serine peptidase inhibitor, Kunitz type 2 [Homo sapiens (human)]
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_021102
Protein Refseq	NP_066925
MIM	605124
UniProt ID	O43291

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SDS-PAGE

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