

Recombinant Full Length Human SPINT2 Protein, C-Flag-tagged

Cat. No. SPINT2-2061HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SPINT2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	25.4 kDa
AA Sequence	MAQLCGLRRSRAFLALLGSLLLSGVLAADRERSIHDFCLVSKVVGRCRASMPRWY NVTGSCQLFVYGG CDGNSNNYLTKEECLKKCATVTENATGDLATSRNAADSSVP SAPRRQDSEDHSSDMFNYYEYCTANAVTG PCRASFPWWYFDVERNSCNNFIYGG CRGNKNSYRSEEACMLRCFRQQENPPLPLGSKVLLAGLFVMVLI LFLGASMVYLIR VARRNQERALRTVWSSGDDKEQLVKNTYVL TRTRPLEQKLISEEDLAANDILDYKD DDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	SPINT2 serine peptidase inhibitor, Kunitz type 2 [Homo sapiens (human)]
Official Symbol	SPINT2
Synonyms	PB; Kop; HAI2; DIAR3; HAI-2
Gene ID	10653
mRNA Refseq	NM_021102.4
Protein Refseq	NP_066925.1
MIM	605124

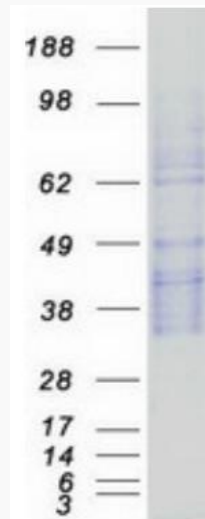
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UniProt ID

O43291



Coomassie blue staining of purified SPINT2 protein.

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