

Recombinant Human SPINT1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SPINT1-5108H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SPINT1 MS Standard C13 and N15-labeled recombinant protein (NP_001027539) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the Kunitz family of serine protease inhibitors. The protein is a potent inhibitor specific for HGF activator and is thought to be involved in the regulation of the proteolytic activation of HGF in injured tissues. Alternative splicing results in multiple variants encoding different isoforms.
Molecular Mass	56.9 kDa
AA Sequence	MAPARTMARARLAPAGIPAVALWLLCTLGLQGTQAGPPPAPPGLPAGADCLNSFTA GVPGFVLDTNASVSNGATFLESPTVRRGWDCVRACCTTQNCNLALVELQPDRGED AIAACFLINCLYEQNFVCKFAPREGFINYL TREVYRSYRQLRTQGFGGSGIPKAWAGI DLKVQPQEPLVLKDVENTDWRLLRGDTDVRVERKDPNQVELWGLKEGTYLFQLTVT SSDHPEDTANVTVTVLSTKQTEDYCLASNKVGRCRGSFPRWYYDPTEQICKSFVYG GCLGNKNNYLREEECILACRGVQGSPMERRHPVCSGTCQPTQFRCSNGCCIDSFL ECDDTPNCPDASDEAAACEKYTSGFDELQRIHFPSDKGHCVLDLPDTGLCKESIPRWY YNPFSEHCARFTYGGCYGNKNNFEEEQQCLESRCRGISKKDVFGRLRREIPISTGSVE MAVAVFLVICIVVVVAILGYCFFKNQRKDFHGHHHHPPTPASSTVSTTEDTEHLVYN

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HTTRPLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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	SPINT1 serine peptidase inhibitor, Kunitz type 1 [Homo sapiens (human)]
Official Symbol	SPINT1
Synonyms	SPINT1; serine peptidase inhibitor, Kunitz type 1; serine protease inhibitor, Kunitz type 1; kunitz-type protease inhibitor 1; HAI; MANSC2; HAI-1; hepatocyte growth factor activator inhibitor type 1; HAI1;
Gene ID	6692
mRNA Refseq	NM_001032367
Protein Refseq	NP_001027539
MIM	605123

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UniProt ID

O43278

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