

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
 GVPGFVLDTNASVSNMGATFLESPTVRRGWDCVRACCTTQNCNLALVELQPDRGED
 AIAACFLINCLYEQNFVCKFAPREGFINYL TREVYRSYRQLRTQGFGGSGIPKAWAGI
 DLKVQPQEPLVLKDVENTDWRLLRGDTDVRVERKDPNQVELWGLKEGTYLFQLTVT
 SSDHPEDTANVTVTVLSTKQTEDYCLASNKVGRCRGSFPRWYYDPTEQICKSFVYG
 GCLGNKNNYLREEECILACRGVQGPSMERRHPVCSGTCQPTQFRCSNGCCIDSFL
 ECDDTPNCPDASDEAAACEKYTSGFDELQRIHFPSDKGHCVLDPDTGLCKESIPRWY
 YNPFSEHCARFTYGGCYGNKNNFEEEQQCLESRCRGISKKDVFGRLRREIPIPSTGSVE
 MAVAVFLVICIVVVVAILGYCFFKNQRKDFHGHHPPTPASSTVSTTEDTEHLVYN

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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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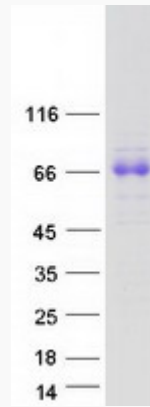
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UniProt ID

O43278

SDS-PAGE



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