

Product datasheet for PH318993

SPINT1 (NM_181642) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SPINT1 MS Standard C13 and N15-labeled recombinant protein (NP_857593)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218993
Predicted MW:	54.8 kDa
Protein Sequence:	>RC218993 representing NM_181642 Red=Cloning site Green=Tags(s)

MAPARTMARARLAPAGIPAVALWLLCTLGLQGTQAGPPPAPPGLPAGADCLNSFTAGVPGFVLDTNASVS
NGATFLESPTVRRGWDCVRACCTTQNCNLALVELQPDRGEDAIAACFLINCLYEQNFVCKFAPREGFINY
LTREVYRSYRQLRTQGGGGSGIPKAWAGIDLKVPQEPLVLKDVENDWRLLRGDTRVVERKDPNQVEL
WGLKEGTYLFQLTVTSSDHPEDTANVTTVLSTKQTEDYCLASNKVGRCRGSFPRWYDPTQICKSFVY
GGCLGNKNNYLREEECILACRGVQGGPLRGSSGAQATFPQGPSMERRHPVCSGTCQPTQFRCSNGCCIDS
FLECDTPNCPDASDEAAACEKYTSGFDELQRIHFPSDKGHCVLDLPTGLCKESIPRWYYPFSEHCARFT
YGGCYGNKNNFEEEQCLESCRGISKKDVFGLRREIPIIPSTGSVEMAVAVFLVICIVVVVAILGYCFFKN
QRKDFHGHHPPTPASSTVSTTEDTEHLVYNHTTRPL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_857593</u>
RefSeq Size:	2484
RefSeq ORF:	1587



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Synonyms: HAI; HAI1; MANSC2

Locus ID: 6692

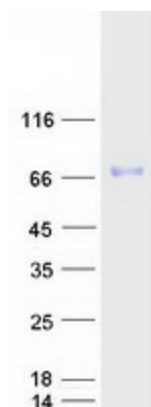
UniProt ID: [O43278](#)

Cytogenetics: 15q15.1

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified SPINT1 protein (Cat# [TP318993]). The protein was produced from HEK293T cells transfected with SPINT1 cDNA clone (Cat# [RC218993]) using MegaTran 2.0 (Cat# [TT210002]).