

Recombinant Full Length Human SPINT1 Protein

Cat. No. SPINT1-491HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human HGFA Inhibitor 1 with N-terminal proprietary tag. Predicted MW 82.5 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	513 amino acids
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.
Form	Liquid
Molecular Mass	82.500kDa inclusive of tags
AA Sequence	MAPARTMARARLAPAGIPAVALWLLCTLGLQGTQAGPPPA PPGLPAGADCLNSFTA GVPGFVLDTNASVSNGATFLESPT VRRGWDCVRACCTTQNCNLALVELQPDRGED AIAACFLIN CLYEQNFVCKFAPREGFINYL TREVYRSYRQLRTQGFGGS GIPKAWA GIDLKVQPQEPLVLKDVENTDWRLLRGDTDVRV ERKDPNQVELWGLKEGTYLFQL TVTSSDHPEDTANVTVTV LSTKQTEDYCLASNKVGRCRGSFPRWYYDPTEQICKSF VY GGCLGNKNNYLREEECILACRGVQGPSMERRHPVCSGTCQ PTQFRCSTNGCCI DSFLECDDTPNCPDASDEAAACEKYTS GF DELQRIHFPSDKGHCVDLPDTGLCKESI

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PRWYYNPFSEHC ARFTYGGCYGNKNNFEEEQQCLESCRGISKKDVFGRLRREI PIP
STGSVEMAVAVFLVICIVVVVAILGYCFFKNQRKDFH GHHHHPPPTPASSTVSTTED
TEHLVYNHTTRPL

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [SPINT1 serine peptidase inhibitor, Kunitz type 1 \[Homo sapiens \]](#)

Official Symbol [SPINT1](#)

Synonyms SPINT1; serine peptidase inhibitor, Kunitz type 1; serine protease inhibitor, Kunitz type 1; kunitz-type protease inhibitor 1; HAI; MANSC2

Gene ID [6692](#)

mRNA Refseq [NM_001032367](#)

Protein Refseq [NP_001027539](#)

MIM [605123](#)

UniProt ID [O43278](#)

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