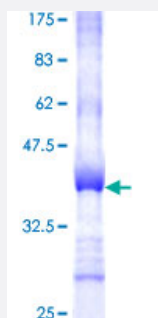


SPINT1 (Human) Recombinant Protein (Q01)

Catalog # H00006692-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SPINT1 partial ORF (NP_003701, 101 a.a. - 200 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LVELQPDRGEDAIAACFLINCLYEQNFVCKFAPREGFINYL TREVYRSYRQLRTQGGSGIPKAW AGDLKVQPQEPLVLKDVENTDWRLLRGDTDVRV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (79); Rat (76)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SPINT1

Entrez GeneID [6692](#)

GeneBank Accession# [NM_003710](#)

Protein Accession# [NP_003701](#)

Gene Name SPINT1

Gene Alias HAI, HAI1, MANSC2

Gene Description serine peptidase inhibitor, Kunitz type 1

Omim ID [605123](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations Kunitz-type protease inhibitor 1|hepatocyte growth factor activator inhibitor 1|serine protease inhibitor, Kunitz type 1