

## Product datasheet for **TP302044M**

### SPINT2 (NM\_021102) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human serine peptidase inhibitor, Kunitz type, 2 (SPINT2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202044 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MAQLCGLRRSRAFLALLGSLLLSGVLAADRERSIHDFCLVSKVVGRCRASMPRWYVNTDGSCQLFVYGG CDGNSNNYLTKEECLKKCATVTENATGDLATSRNAADSSVPSAPRRQDSEDHSSDMFNYYEYCTANAVTG PCRASFPWYFDVERNSCNNFIYGGCRGNKNSYRSEEACMLRCFRQENPPLPLGSKVLLAGLFVMVLI LFLGASMVYLIRVARRNQERALRTVWSSGDDKEQLVKNTYVL  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	25.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_066925</a></u>
Locus ID:	10653
UniProt ID:	<u><a href="#">O43291</a></u> , <u><a href="#">B4DLU1</a></u>



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RefSeq Size: 1817

Cytogenetics: 19q13.2

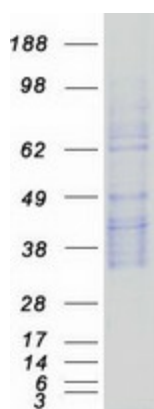
RefSeq ORF: 756

Synonyms: DIAR3; HAI-2; HAI2; Kop; PB

**Summary:** This gene encodes a transmembrane protein with two extracellular Kunitz domains that inhibits a variety of serine proteases. The protein inhibits HGF activator which prevents the formation of active hepatocyte growth factor. This gene is a putative tumor suppressor, and mutations in this gene result in congenital sodium diarrhea. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified SPINT2 protein (Cat# [TP302044]). The protein was produced from HEK293T cells transfected with SPINT2 cDNA clone (Cat# [RC202044]) using MegaTran 2.0 (Cat# [TT210002]).