

## Product datasheet for PH302044

### SPINT2 (NM\_021102) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SPINT2 MS Standard C13 and N15-labeled recombinant protein (NP_066925)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202044
Predicted MW:	28.2 kDa
Protein Sequence:	>RC202044 protein sequence Red=Cloning site Green=Tags(s)  MAQLCGLRRSRAFLALLGSLLLSGVLAADRERSIHDFCLVSKVVGRCRASMPRWYVNTDGSCQLFVYGG CDGNSNNYLTKEECLKKCATVTENATGDLATSRNAADSSVPSAPRRQDSEDHSSDMFNYYEYCTANAVTG PCRASFPFRWYFDVERNSCNFIYGGCRGNKNSYRSEEACMLRCFRQENPPLPLGSKVVLLAGLFVVMVLI LFLGASMYVLIRVARRNQERALRTVWSSGDDKEQLVKNTYVL  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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:	<a href="#">NP_066925</a>
RefSeq Size:	1817
RefSeq ORF:	756
Synonyms:	DIAR3; HAI-2; HAI2; Kop; PB
Locus ID:	10653
UniProt ID:	<a href="#">O43291</a> , <a href="#">B4DLU1</a>



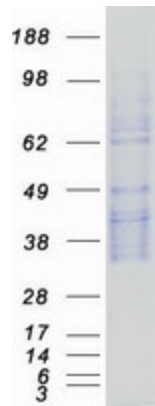
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Cytogenetics: 19q13.2

**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]).