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Product datasheet for TP720702XL

SPINT2 (NM_021102) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human serine peptidase inhibitor, Kunitz type, 2 (SPINT2), transcript variant a
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Ala28-Lys197
Tag:	C-His
Predicted MW:	20.22 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB,150mM NaCl,pH8.0.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 μg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_066925
Locus ID:	10653
UniProt ID:	O43291, B4DLU1
RefSeq Size:	1817
Cytogenetics:	19q13.2
RefSeq ORF:	756

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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