



SPINT2 peptide (DAG-P0626)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Specificity	Expressed in placenta, kidney, pancreas, prostate, testis, thymus, and trachea.
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	WB, ELISA
Sequence Similarities	Contains 2 BPTI/Kunitz inhibitor domains.
Format	Liquid
Buffer	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

GENE INFORMATION

Gene Name [SPINT2 serine peptidase inhibitor, Kunitz type, 2 \[Homo sapiens \(human\) \]](#)

Official Symbol	SPINT2
Synonyms	SPINT2; serine peptidase inhibitor, Kunitz type, 2; PB; Kop; HAI2; DIAR3; HAI-2; kunitz-type protease inhibitor 2; placental bikunin; serine protease inhibitor, Kunitz type, 2; hepatocyte growth factor activator inhibitor type 2;
Entrez Gene ID	10653
mRNA Refseq	NM_001166103.1
Protein Refseq	NP_001159575.1
UniProt ID	O43291
Chromosome Location	19q13.1
Function	endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;