

Product datasheet for **AR50647PU-S**

SPINT2 / HAI2 (28-197, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	SPINT2 / HAI2 (28-197, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMADRER SIHDFCLVSK VVGRCRASMP RWWYNVTDGS CQLFVYGGCD GNSNNYLTK ECLKKCATVT ENATGDLATS RNAADSSVPS APRRQDSEDH SSDMFNYYEY CTANAVTGPC RASFPRWYFD VERNSCNNFI YGGCRGNKNS YRSEEACMLR CFRQQENPPL PLGSK
Tag:	His-tag
Predicted MW:	21.8 kDa
Concentration:	lot specific
Purity:	: > 85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SPINT2 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001159575
Locus ID:	10653
UniProt ID:	O43291 , A0A140JV6 , B4DLU1
Cytogenetics:	19q13.2
Synonyms:	DIAR3; HAI-2; HAI2; Kop; PB



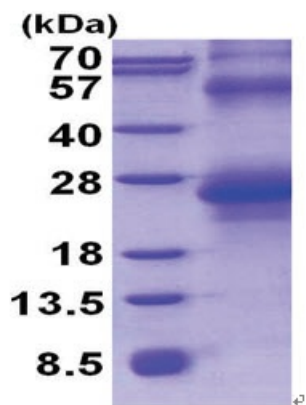
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Summary:

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:

15% SDS-PAGE (3ug)