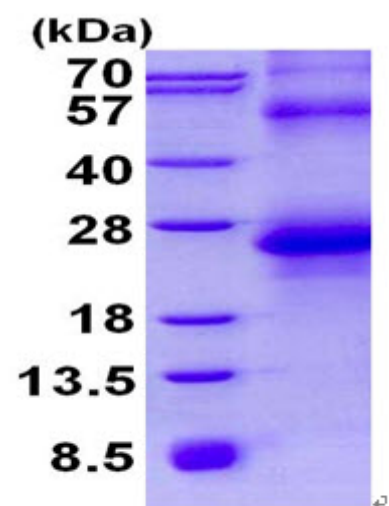


AR50647PU-S

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

Alternate names:	HAI-2, Hepatocyte growth factor activator inhibitor type 2, Kunitz-type protease inhibitor 2, Placental bikunin
Quantity:	50 µg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	SPINT2 is 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 protein is a putative tumor suppressor, and mutations in this protein result in congenital sodium diarrhea.
Uniprot ID:	O43291
NCBI:	NP_066925
GeneID:	10653
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: : > 85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea 10% glycerol
Description:	Recombinant human SPINT2 protein, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MGSSHHHHH SGLVPRGSH MGSMDRER SIHDFCLVSK VVGRCRASMP RWWYNVTGDS CQLFVYGGCD GNSNNYLTKE ECLKKCATVT ENATGDLATS RNAADSSVPS APRRQDSEDH SSDMFNYYEY CTANAVTGPC RASFPRWYFD VERNSCNNFI YGGCRGNKNS YRSEECMLR CFRQQENPPL PLGSK Molecular weight: 21.8 kDa (195aa)
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. Shelf life: one year from despatch.
General Readings:	Bergum,C.et al. (2010) Prostate 70 (13), 1422-1428 Huang,H.P.,et al. (2012) Hepatology 55 (1), 161-172

Pictures:



15% SDS-PAGE (3ug)