

Product datasheet for AR51931PU-S

OriGene Technologies, Inc.

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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 cDNA Clone

or AA Sequence:

ADRERSIHDF CLVSKVVGRC RASMPRWWYN VTDGSCQLFV YGGCDGNSNN YLTKEECLKK CATVTENATG DLATSRNAAD SSVPSAPRRQ DSEDHSSDMF NYEEYCTANA VTGPCRASFP RWYFDVERNS CNNFIYGGCR GNKNSYRSEE ACMLRCFRQQ ENPPLPLGSK HHHHHH

Tag: His-tag
Predicted MW: 20 kDa

Concentration: lot specific

Purity: >80% by SDS - PAGE.

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: Phosphate buffered saline (pH 7.4), 10% glycerol.

Endotoxin: < 1.0 Eu per 1 microgram of protein (determined by LAL method)

Preparation: Liquid purified protein

Protein Description: Recombinant human SPINT2, fused to His-tag at C-terminus, was expressed in insect cell and

purified by using conventional chromatography techniques.

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: <u>043291</u>, <u>A0A140V|V6</u>, <u>B4DLU1</u>

Cytogenetics: 19q13.2

Synonyms: DIAR3; HAI-2; HAI2; Kop; PB





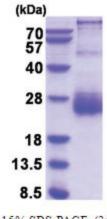
Summary:

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

Product images:



15% SDS-PAGE (3ug)