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Datasheet for ABIN7319591 **SPINT2 Protein (His tag)**

Overview

Quantity:	50 µg
Target:	SPINT2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPINT2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human HAI-2/SPINT2 Protein (His Tag)
Sequence:	Ala28-Lys197
Characteristics:	Recombinant Human Hepatocyte Growth Factor Activator Inhibitor Type 2 is produced by our Mammalian expression system and the target gene encoding Ala28-Lys197 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SPINT2
Alternative Name:	HAI-2/SPINT2 (SPINT2 Products)
Background:	Background: Hepatocyte Growth Factor Activator Inhibitor Type 2 (HAI2) is a single-pass type I membrane protein and contains two BPTI/Kunitz inhibitor domains. The first Kunitz domain is

Target Details

mainly responsible for the inhibitory activity against hepatocyte growth factor activator (HGFA). HAI2 is expressed in placenta, kidney, pancreas, prostate, testis, thymus and trachea. HAI2 serves as a inhibitor of HGF activator. It also inhibits plasmin, plasma and tissue kallikrein and factor XIa. Defects in HAI2 are the cause of diarrhea type 3 (DIAR3), also known as congenital sodium diarrhea (CSD).

Synonym: Kunitz-Type Protease Inhibitor 2, Hepatocyte Growth Factor Activator Inhibitor Type 2, HAI-2, Placental Bikunin, SPINT2, HAI2, KOP

Molecular Weight: 20.22 kDa

UniProt: [O43291](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.