

[Go to Product page](#)

Datasheet for ABIN7504349

**SPINT1 Protein (AA 36-433) (His tag)**

## Overview

Quantity:	100 µg
Target:	SPINT1
Protein Characteristics:	AA 36-433
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPINT1 protein is labelled with His tag.

## Product Details

Purpose:	Human HAI-1 Protein
Sequence:	Gly36-Val433
Characteristics:	Recombinant Human HAI-1 Protein is expressed from HEK293 with His tag at the C-terminus. It contains Gly36-Val433.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	SPINT1
Alternative Name:	HAI-1 ( <a href="#">SPINT1 Products</a> )

### Target Details

Background:	SPINT1, also known as HAI-1, is a Kunitz-type serine protease inhibitor that inhibits multiple proteases including hepatocyte growth factor (HGF) activator and matriptase. SPINT1 has been shown to modulate HGF/MET activation in certain cancer types.
Molecular Weight:	45.50 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Tris-Bis PAGE result.

### Application Details

Restrictions:	For Research Use only
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### Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months