

[Go to Product page](#)

Datasheet for ABIN7505792

SERPINA1 Protein (AA 1-411) (His tag)

Overview

Quantity:	100 µg
Target:	SERPINA1
Protein Characteristics:	AA 1-411
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINA1 protein is labelled with His tag.

Product Details

Sequence:	Met1-Arg411
Characteristics:	A DNA sequence encoding the Rat α 1-AT protein (P17475) (1-411) was expressed with a C-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	SERPINA1
Alternative Name:	SerpinA1 (SERPINA1 Products)
Background:	<p>Background: SerpinA1, also known as Alpha-1 antitrypsin (AAT), is a prototype member of the Serpin superfamily of the serine protease inhibitors. This serine protease inhibitor blocks the protease, neutrophil elastase. Alpha-1 antitrypsin is mainly produced in the li</p> <p>Synonym: Alpha-1-antiproteinase, Alpha-1-antitrypsin, Alpha-1-proteinase inhibitor, Serpin A1, Serpina1</p>

Target Details

Molecular Weight:	45.1 kDa
UniProt:	P17475

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, 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.
Expiry Date:	12 months