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Datasheet for ABIN2566922  
**SERPINE2 Protein (His tag)**

### Overview

Quantity:	0.025 mg
Target:	SERPINE2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This SERPINE2 protein is labelled with His tag.
Application:	Western Blotting (WB)

### Product Details

Characteristics:	Measured by its ability to inhibit trypsin cleavage of a fluorogenic peptide substrate, Mca - RPKPVE - Nval - WRK(Dnp) - NH <sub>2</sub> .
Purity:	>92 % as determined by SDS-PAGE.

### Target Details

Target:	SERPINE2
Alternative Name:	Serpin E2 ( <a href="#">SERPINE2 Products</a> )
Background:	SERPINE2 is also known as Glia-derived nexin (GDN), Peptidase inhibitor 7 (PI7), Protease nexin 1 (PN1). SERPINE2 is a secreted glycoprotein which belongs to the serpin family. SerpinE1 is the primary physiological inhibitor of the two plasminogen activators urokinase (uPA) and tissue plasminogen activator (tPA). PAI-1 / GDN is also implicated in adipose tissue development. It

## Target Details

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suggests that PAI-1 inhibitors serve in the control of atherothrombosis. Defects in Serpin E1 / PN1 are the cause of plasminogen activator inhibitor-1 deficiency (PAI-1 deficiency) which is characterized by abnormal bleeding due to SerpinE1 defect in the plasma.

Molecular Weight: 42.7 kDa

Gene ID: 5270

UniProt: [P07093](#)

## Application Details

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Application Notes: This recombinant protein can be used for WB. For research use only.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: 20 mM NaAc, 100 mM NaCl, PH6.5

Storage: -80 °C,-20 °C

Storage Comment: Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C. Avoid repeated freeze-thaw cycles.