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Datasheet for ABIN7538477

## PAI1 Protein (AA 24-402) (His tag)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	PAI1 (SERPINE1)
Protein Characteristics:	AA 24-402
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAI1 protein is labelled with His tag.

#### Product Details

Purpose:	Recombinant Human PAI1 Protein with C-terminal 6XHis tag
Specificity:	PAI1 (Val24-Pro402) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

#### Target Details

Target:	PAI1 (SERPINE1)
Alternative Name:	PAI1 ( <a href="#">SERPINE1 Products</a> )
Background:	This gene encodes a member of the serine proteinase inhibitor (serpin) superfamily. This

## Target Details

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member is the principal inhibitor of tissue plasminogen activator (tPA) and urokinase (uPA), and hence is an inhibitor of fibrinolysis. The protein also functions as a component of innate antiviral immunity. Defects in this gene are the cause of plasminogen activator inhibitor-1 deficiency (PAI-1 deficiency), and high concentrations of the gene product are associated with thrombophilia. [provided by RefSeq, Aug 2020]

Molecular Weight: predicted molecular mass of 43.6 kDa after removal of the signal peptide. The apparent molecular mass of PAI1-His is 35-55 kDa due to glycosylation.

UniProt: [P05121](#)

Pathways: [p53 Signaling](#), [Cellular Response to Molecule of Bacterial Origin](#), [Carbohydrate Homeostasis](#), [Autophagy](#), [Smooth Muscle Cell Migration](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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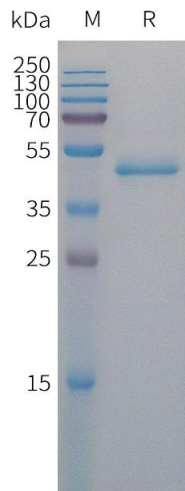
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



### SDS-PAGE

**Image 1.** Human Protein, His Tag on SDS-PAGE under reducing condition.