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Datasheet for ABIN7505535

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

## Overview

Quantity:	100 µg
Target:	PAI1 (SERPINE1)
Protein Characteristics:	AA 24-402
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAI1 protein is labelled with His tag.

## Product Details

Sequence:	Ser 24-Pro 402
Characteristics:	A DNA sequence encoding the Rat PAI-1/ SerpinE1 protein (P20961) (Ser 24-Pro 402) was expressed with N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	PAI1 (SERPINE1)
Alternative Name:	PAI-1 ( <a href="#">SERPINE1 Products</a> )
Background:	<p>Background: Plasminogen activator inhibitor-1 (serpin E1) is a serine protease inhibitor which belongs to the serpin family. Serpin E1 acts as 'bait' for tissue plasminogen activator, urokinase, protein C and matriptase-3/TMPRSS7. Its rapid interaction with PLAT may</p> <p>Synonym: Plasminogen activator inhibitor 1, Endothelial plasminogen activator inhibitor, Serpin</p>

## Target Details

	E1, Mr1, Pai1, Planh1
Molecular Weight:	41.58 kDa
UniProt:	<a href="#">P20961</a>
Pathways:	<a href="#">p53 Signaling</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Autophagy</a> , <a href="#">Smooth Muscle Cell Migration</a>

## 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