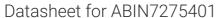
antibodies - online.com







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

Images



Overview

Quantity:	100 μg
Target:	PAI1 (SERPINE1)
Protein Characteristics:	AA 24-402
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAI1 protein is labelled with His tag.

Product Details

Purpose:	Human PAI-1 Protein
Sequence:	Val24-Pro402
Characteristics:	Recombinant Human PAI-1 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Val24-Pro402.
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:	PAI1 (SERPINE1)
Alternative Name:	PAI-1 (SERPINE1 Products)

Target Details

Background:	PAI-1 (plasminogen activator inhibitor-1) is a member of plasminogen cascade with an inhibitory role in plasmin activation. PAI-1 is an important regulator of the fibrinolytic process and levels of this antifibrinolytic protein are elevated in diabetes and insulin resistant states.
Molecular Weight:	43.86 kDa. Due to glycosylation, the protein migrates to 45-55 kDa based on Tris-Bis PAGE result.
Pathways:	p53 Signaling, Cellular Response to Molecule of Bacterial Origin, Carbohydrate Homeostasis, Autophagy, Smooth Muscle Cell Migration

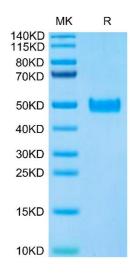
Application Details

strictions: For Research Use only

Handling

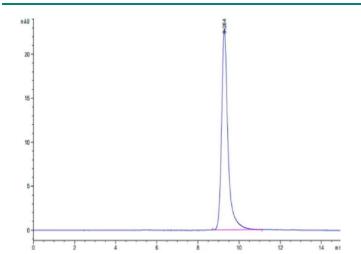
Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in 50 mM NaAC, 0.1M NaCl, 100 mM L-arginine (pH 5.5).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

 $\mbox{Image 1.}$ Human PAI-1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human PAI-1 is greater than 95 % as determined by SEC-HPLC.