

PRODUCT INFORMATION

Target PAI1

PAI;PAI-1;SERPINE1;PLANH1 **Synonyms**

Recombinant Human PAI1 Protein with C-terminal **Description**

6XHis tag

Delivery In Stock **Uniprot ID** P05121 **Expression Host HEK293**

Tag C-6×His Tag

Molecular

Background

PAI1(Val24-Pro402) 6×His tag Characterization

The protein has a predicted molecular mass of

43.6 kDa after removal of the signal peptide. The apparent molecular mass of PAI1-His is **Molecular Weight**

approximately 35-55 kDa due to glycosylation.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & Reconstitution

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

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 Storage & Shipping

at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the serine proteinase inhibitor (serpin) superfamily. This 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]

Usage Research use only

Conjugate Unconjugated

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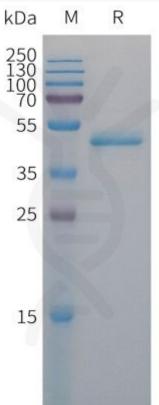


Figure 1.Human PAI1 Protein, His Tag on SDS-PAGE under reducing condition.

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