PRODUCT INFORMATION

Target	PAI1
Synonyms	PAI;PAI-1;SERPINE1;PLANH1
Description	Recombinant Human PAI1 Protein with C-terminal 6XHis tag
Delivery	In Stock
Uniprot ID	P05121
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	PAI1(Val24-Pro402) 6×His tag
Molecular Weight	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 approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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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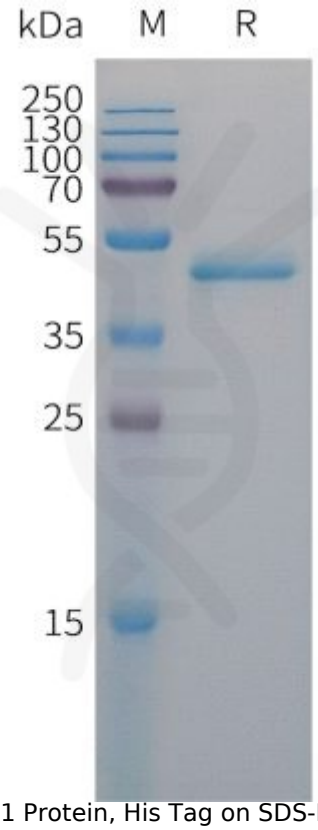


Figure 1.Human PAI1 Protein, His Tag on SDS-PAGE under reducing condition.

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