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32-18286: Human PAI1 Protein, His Tag

Uniprot ID : P05121
Alternative Name : PAI;PAI-1;SERPINE1;PLANH1

Description

Description : Recombinant Human PAI1 Protein with C-terminal 6XHis tag
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.
Molecular Characterization: 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.
Tag :C-6Ã—His Tag

Product Info

Amount :	50 µg / 100 µg
Purification :	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	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.

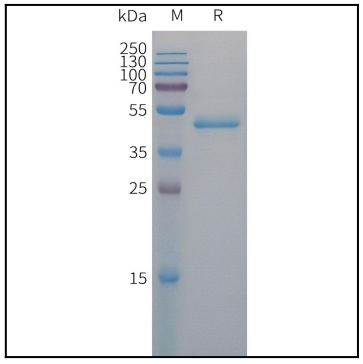


Figure 1.Human PAI1 Protein, His Tag on SDS-PAGE under reducing condition.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.