

## HUMAN PAI1 PROTEIN, HIS TAG

货号: 11961

产品全名: 人 PAI1 蛋白

规格: 10/50/100 µg

基因符号 PAI;PAI-1;SERPINE1;PLANH1

目标蛋白: PAI1

**UNIPROT ID:** P05121

**描述:** Recombinant Human PAI1 Protein with C-terminal 6XHis tag

**背景:** 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]

**物种/宿主:** HEK293

**分子量:** 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.

**分子特征:** PAI1(Val24-Pro402) 6×His tag

**纯化:** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**储存和运输:** 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.

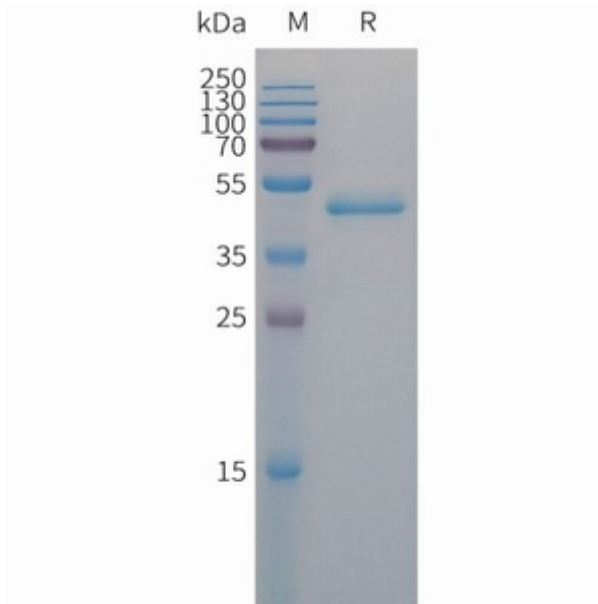


Figure 1. Human PAII Protein, His Tag on SDS-PAGE under reducing condition.