

Plasminogen Activator Inhibitor 1 (PAI1) Active Protein | PAI1 active protein

Active Plasminogen Activator Inhibitor 1 (PAI1)

CATALOG # AAA153037	HOST 293F Cell	APPLICATIONS Activity Assay, Cell Culture
-------------------------------	--------------------------	---

PRODUCT SYNONYMS

Plasminogen Activator Inhibitor 1 (PAI1); Active Plasminogen Activator Inhibitor 1 (PAI1); Plasminogen Activator Inhibitor 1; PAI1 active protein (eukaryotic; 293F Cell); Human; SERPINE1; PLANH1; Serpin Peptidase Inhibitor Clade E Member 1; Nexin; Plasminogen Activator Inhibitor Type 1 Serpin E1; Endothelial plasminogen activator inhibitor; PAI1 active protein

PRODUCT SPECIFICATIONS

Host	293F Cell
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Val24~Pro402
Applicable Applications for PAI1 active protein	Activity Assay, Cell Culture
Expression System	Eukaryotic expression
Species	Human
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	7.5
Research Area	Metabolic pathway
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

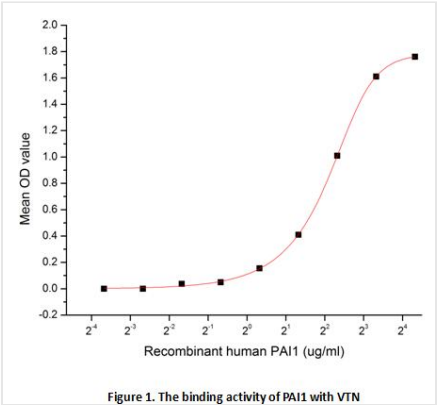
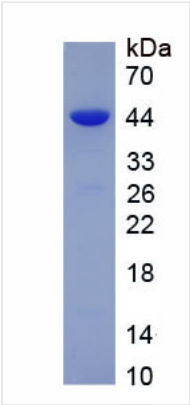


Figure 1. The binding activity of PAI1 with VTN



SDS-PAGE
Figure. SDS-PAGE

Bioactivity
Plasminogen Activator Inhibitor 1 (PAI1) is a member of the Serpin superfamily of serine protease inhibitors, Serpin E1/PAI 1 is the principal inhibitor of urokinase type plasminogen activator (uPA) and tissue type PA. As important regulators of extracell

ADDITIONAL INFORMATION

Product Categories/Family for PAI1
active protein

Active proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835159
NCBI GeneID	5054
NCBI Accession #	NP_000593.1
NCBI GenBank Nucleotide #	NM_000602.4
UniProt Accession #	P05121; B7Z4S0; F8WD53
Molecular Weight	45,060 Da
NCBI Official Full Name	plasminogen activator inhibitor 1
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1
NCBI Official Symbol	SERPINE1
NCBI Official Synonym Symbols	PAI; PAI1; PAI-1; PLANH1
NCBI Protein Information	plasminogen activator inhibitor 1; serpin E1; endothelial plasminogen activator inhibitor; serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1
UniProt Protein Name	Plasminogen activator inhibitor 1
UniProt Gene Name	SERPINE1
UniProt Synonym Gene Names	PAI1; PLANH1; PAI; PAI-1
UniProt Entry Name	PAI1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.