

**PAI-1** **Human, Recombinant, *E. coli***

<b>Cat. No.:</b> RCP9091	<b>Size:</b> 10µg
RCP9092	100µg
RCP9163	1000µg

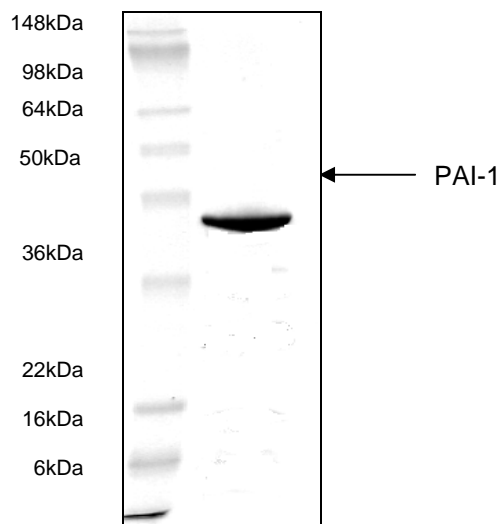
**Synonym:** Plasminogen activator inhibitor 1; Endothelial plasminogen activator inhibitor; PAIE; Clade E; PLANH1; SERPINE 1.

**Description:** PAI-1 is a serine protease inhibitor, which can exist either in an active inhibitory conformation or in an inactive or latent conformation. PAI-1 is produced mainly by the endothelium but is also secreted by other tissue types including adipose tissue. PAI-1 is the principal inhibitor of tissue plasminogen activator and urokinase, therefore inhibiting fibrinolysis. Increased levels of PAI-1 have been linked with various conditions including cardiovascular disease, thrombosis, insulin resistance and obesity.

Radox recombinant PAI-1 comprises a 379 amino acid fragment (24-402) corresponding to the mature PAI-1 protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

**Form:** Liquid

**Purity:** >95% by SDS-PAGE



**References:** Gils, A & Declerck, P.J. 2004 *Curr. Med. Chem.* **11 (17)**: 2323-2334.