

PAI-1

Human, Recombinant, *E. coli*

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|------------------|---------|--------------|--------|
| Cat. No.: | RCP9091 | Size: | 10µg |
| | RCP9092 | | 100µg |
| | RCP9163 | | 1000µg |

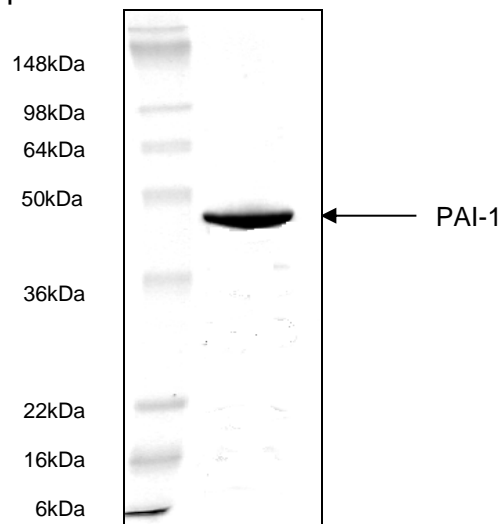
Synonym: Plasminogen activator inhibitor 1; Endothelial plasminogen activator inhibitor; PAIE; Clade E; PLANH1; SERPINE 1.

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.

RANDOX 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.