

SERPINE1

Recombinant Human Plasminogen Activator Inhibitor 1 Biotin Active

Catalog No.	CRP186B	Quantity:	0.5 mg
	CRP186C		1.0 mg

Alternate Names: PAI, PAI1, PAI-1, PLANH1

Description: Plasminogen Activator Inhibitor 1 (SERPINE1/PAI1) is the principal inhibitor of Tissue Plasminogen Activator (tPA) and Urokinase (uPA), the activators of Plasminogen and hence fibrinolysis. It is a serine protease inhibitor (serpin) protein (SERPINE1). PAI1 is mainly produced by the endothelium, but is also secreted by other tissue types, such as adipose tissue. Defects in the SERPINE1 gene are the cause of Plasminogen Activator Inhibitor 1 deficiency (PAI1 deficiency), and high concentrations of SERPINE1/PAI1 are associated with Thrombophilia.

Active Human SERPINE1/PAI1 Biotin labeled by iodoacetamide substitution at the N-terminal Cysteine.

Concentration: 2.5 mg/mL

Gene ID: 5054

Source: *E. coli*

Molecular Weight: 43 kDa

Formulation: Frozen liquid in 0.05 M Sodium Phosphate + 0.1 M NaCl + 1 mM EDTA, pH 6.6

Storage & Stability: Store in working aliquots at -70°C. 3 years. **Avoid repeated freeze-thaw cycles.**

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