

SERPINE1

Recombinant Human Plasminogen Activator Inhibitor 1 - Vitronectin Null Binding Mutant

Catalog No.	CRP195B CRP195C	Quantity:	500 µg 1 mg
Alternate Names:	PAI, PAI1, PAI-1, PLANH1, SERPINE1		
Concentration:	2.5 mg/ml		
Gene ID:	5054		
Protein Accession No:	NP_000593		
Source:	<i>E. coli</i>		
Molecular Weight:	43.0 kDa		
Formulation:	Frozen liquid in 0.05 M sodium phosphate buffer + 0.1 M NaCl + 1 mM EDTA, pH 6.6.		
Purity:	>95% by SDS-PAGE analysis.		
Endotoxin Level:	0.1 ng/µg of protein		
Storage & Stability:	Store product and working aliquots at -80°C. Avoid repeated freeze-thaw cycles.		
Background:	Plasminogen Activator Inhibitor type 1 is the principal inhibitor of tissue plasminogen activator (tPA) and urokinase (uPA), and hence is an inhibitor of fibrinolysis. In the vitronectin null binding mutant, a single mutation results in nearly complete loss of binding to the important ligand vitronectin. All other aspects of PAI-1 biological activity such as anti-protease activity remain unaffected.		

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