

SERPINE1

Recombinant Cynomolgus Monkey Plasminogen Activator Inhibitor 1 Latent

Catalog No.	CRK003A	Quantity:	500 µg
	CRK003B		1 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.

Recombinant Cynomolgus Monkey PAI-1 is useful for studies involving this animal model of fibrinolysis and cancer studies.

Concentration: 2.5 mg/ml

Source: *E. coli*

Molecular Weight: 43.0 kDa

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

Purity: >95% by SDS-PAGE

Storage & Stability: Store in working aliquots at -80°C. 3 years from delivery. **Avoid repeated freeze-thaw cycles.**

SDS-PAGE of recombinant cynomolgus monkey PAI-1 latent fraction



1. Cyno PAI-1, Wild Type Latent (3 ug) L.
2. Cyno PAI-1 (3 ug) + uPA (15 ug) L.
3. Molecular Weight Markers

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