

SERPINE1:PLAT

Recombinant Human PAI-1:tPA Complex

Catalog No.	CRP245B CRP245C	Quantity:	100 µg 1 mg
Alternate Names:	Plasminogen Activator Inhibitor type 1, SERPINE1, PAI, PAI1, Tissue-type plasminogen activator, t-PA, t-plasminogen activator, tPA, PLAT		
Description:	Recombinant Human Plasminogen Activator Inhibitor type 1 (PAI1): Tissue Plasminogen Activator (tPA) Complex. Human PAI-1 stable mutant is reacted with an excess of human sc-tPA at physiological pH. The resulting 1:1 molar complex is purified from the remaining PAI-1 by cobalt metal affinity chromatography.		
UniProt ID:	P05121:P00750		
Concentration:	> 0.50 mg/ml, lot specific, based on absorbance at 280 nm		
Volume:	Lot specific		
Source:	<i>E. coli</i> (PAI-1), CHO cells (tPA)		
Molecular Weight:	113.0 kDa		
Formulation:	0.4 M HEPES, 0.1 M NaCl, pH 7.4		
Purification:	Cobalt metal affinity chromatography (IMAC)		
Purity:	>95% by SDS-PAGE		
Extinction Coefficient:	1.56		
Storage & Stability:	Store in working aliquots at -80°C for up to 1 year. Upon initial thawing, prepare single-use aliquots (≥ 20 µl) of the stock solution and store at -80°C. Avoid repeated freeze-thaw cycles.		

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