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PLAT
Recombinant Human tPA Immobilized

Catalog No.	CRT185B CRT185C	**Quantity:**	1 ml packed resin 10 ml packed resin

Alternate Names: Tissue-type plasminogen activator, t-PA t-plasminogen activator, tPA

Description: Tissue-type plasminogen activator (tPA) is a secreted serine protease that converts the proenzyme plasminogen to plasmin, a fibrinolytic enzyme. The tPA pre-pro-protein is proteolytically processed by plasmin or trypsin to generate heavy and light chains. These chains associate via disulfide linkages to form the heterodimeric enzyme. This enzyme plays a role in cell migration and tissue remodeling. Increased enzymatic activity causes hyperfibrinolysis, which manifests as excessive bleeding, while decreased activity leads to hypofibrinolysis, which can result in thrombosis or embolism.

Recombinant Human single-chain tPA immobilized on agarose resin may be used to immunopurify monoclonal and polyclonal antibodies directed against human tPA and for controlled plasminogen activation studies. May be used repeatedly.

UniProt ID: P00750

Source: CHO cells

Concentration: 2.0 mg/ml coupled, lot specific

Molecular Weight: 70.0 kDa

Formulation: 1:1 slurry in 0.1 M HEPES, 0.1 M NaCl, 0.02% sodium azide, pH 7.4

Purity: > 95% by SDS-PAGE

Purification: Chromatographically purified using affinity chromatography, then immobilized to an agarose resin.

Storage & Stability: Store at 2-8°C.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

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