

PLAT

Recombinant Mouse PLAT/tPA Two-Chain Active Form

Catalog No.	CSI20534A	Quantity:	100 µg
	CSI20534B		1.0 mg

Alternate Names: Tissue-type plasminogen activator, tPA, Plat

Description: Recombinant Mouse PLAT/tPA Two-Chain Active Form is >95% two chain, >95% active. Active Two-chain Recombinant Mouse Tissue Plasminogen Activator (PLAT/tPA) is produced by activation of the single-chain form with immobilized Plasmin. PLAT is a secreted serine protease which converts the proenzyme Plasminogen to the fibrinolytic enzyme Plasmin. PLAT is synthesized as a single chain which is cleaved by Plasmin to a two chain disulfide linked protein. This enzyme plays a role in cell migration and tissue remodeling. Increased enzymatic activity causes hyperfibrinolysis, which manifests as excessive bleeding; decreased activity leads to hypofibrinolysis which can result in thrombosis or embolism.

Concentration: 2.0 mg/ml

Gene ID: 18791

Source: Insect cells

Molecular Weight: 70 kDa

Formulation: Frozen Liquid in 0.4 M HEPES Buffer + 0.1 M NaCl, pH 7.4

Purity: >95% by SDS-PAGE analysis

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

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