

**Product Specification Sheet**

Human tPA, Non-Cleavable  
Product Number: PA49  
Aliquot: 0.1 mg  
Lot Number: Typical Lot  
Storage: -70°C

<b>DESCRIPTION:</b>	The addition of a R257E mutation generates human tPA that is 100% single chain and resistant to cleavage by plasmin. Recombinant, produced in insect cells.
<b>MOLECULAR WEIGHT:</b>	70,000
<b>CONCENTRATION:</b>	2.0 mg/mL coupled
<b>SIZE:</b>	0.1 mg
<b>VOLUME:</b>	0.05 mL
<b>STORAGE:</b>	-70°C
<b>FORM:</b>	Frozen liquid
<b>SOURCE:</b>	Insect cell culture
<b>BUFFER:</b>	0.4M HEPES; 0.1M NaCl; pH 7.4
<b>REFERENCE:</b>	Plasminogen activation with single-chain urokinase-type plasminogen activator (scu-PA). Studies with active site mutagenized plasminogen (Ser740Ala) and plasmin-resistant scu-PA (Lys158Glu) HR Lijnen, B Van Hoef, L Nelles, and D Collen J. Biol. Chem., Mar 1990; 265: 5232 - 5236.

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