

## Recombinant Human TPA

<b>Catalog No.</b>	CSI12667	<b>Quantity:</b>	20 µg
<b>Alternate Names:</b>	Tissue Plasminogen Activator, Alteplase, Reteplase, PLAT, PATISS		
<b>Description:</b>	Recombinant human TPA is a single, glycosylated polypeptide chain containing 527 amino acids. TPA is a serine protease enzyme that converts plasminogen to plasmin.		
<b>Gene ID:</b>	5327		
<b>Source:</b>	CHO cells		
<b>Molecular Weight:</b>	59 kDa		
<b>Formulation:</b>	Lyophilized from a sterile filtered solution. Each mg of TPA contains 1.7 g L-arginine, 0.5 g phosphoric acid, and 4 mg tween-80.		
<b>Purity:</b>	> 98% as determined by SDS-PAGE and RP-HPLC analyses		
<b>Endotoxin Level:</b>	< 0.1 ng/µg of TPA		
<b>Enzymatic Activity:</b>	580,000 IU/mg		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> First add sterile distilled water to the vial to fully solubilize the protein to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
<b>Storage &amp; Stability:</b>	Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2-4°C. For long term storage, aliquot and store at -20°C to -80°C with a carrier protein (0.1% HSA or BSA) as a stabilizer. <b>Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.</b>		

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

