

# Product Datasheet



## Product Description

<b>Product:</b>	Human tissue plasminogen activator, >85% single chain
<b>Catalog Number:</b>	IHTPA
<b>Description:</b>	Human tissue-type plasminogen activator (tPA) is a 527 amino acid glycoprotein. Synthesized from cDNA from a human melanoma cell line. It is recombinantly produced in Chinese Hamster Ovary (CHO) cells. Fully active, >85percent single chain.
<b>Recommended Storage:</b>	-70 C
<b>Shipping Conditions:</b>	Dry ice
<b>Minimum Shelf Life:</b>	3 years from delivery

## Technical Information

<b>Purity:</b>	>95% by SDS-PAGE analysis
<b>Source:</b>	CHO cells
<b>Molecular Weight:</b>	70,000
<b>Extinction Coefficient:</b>	1.9

## Sample Characteristics

<b>Lot Number:</b>	IHTPA-SAMPLE
<b>Aliquot:</b>	1 x 0.1 mg
<b>Concentration:</b>	2.0 mg/ml
<b>Volume:</b>	0.05 ml
<b>Specific activity:</b>	593,600 IU/mg (Relative to WHO International Standard for Human Recombinant Tissue Plasminogen Activator, NIBSC 98/714)
<b>Buffer:</b>	0.4M HEPES; 0.1M NaCl; pH 7.4
<b>Form:</b>	Frozen liquid

For In Vitro laboratory use only

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