

Recombinant Human tissue plasminogen activator, single chain, Texas Red

Cat. No. PLAT -78H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human tissue plasminogen activator, single chain, Texas Red. Texas red labeled tPA, >85percent single chain. 100percent complex formation with PAI-1.
Species	Human
Source	CHO
Form	Frozen liquid
Molecular Mass	70,000
Purity	>95% by SDS-PAGE analysis
Usage	For in vitro laboratory use only
Notes	Optimal experimental conditions and working dilutions must be determined by the end user. Sample concentration and volume are for example purposes only and do not necessarily represent the product that will be received. Please contact us for a current lot-specific product datasheet.
Storage	-70°C; Protect from light
Concentration	2.0 mg/ml

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Storage Buffer 0.4M HEPES; 0.1M NaCl; pH 7.4

Shipping Dry ice

GENE INFORMATION

Gene Name PLAT plasminogen activator, tissue [Homo sapiens]

Official Symbol PLAT

Synonyms PLAT; plasminogen activator, tissue; tissue-type plasminogen activator; alteplase; reteplase; t-plasminogen activator; plasminogen activator, tissue type; tissue plasminogen activator (t-PA); TPA; T-PA; DKFZp686I03148;

Gene ID 5327

mRNA Refseq NM_000930

Protein Refseq NP_000921

MIM 173370

UniProt ID P00750

Chromosome Location 8p11.21

Pathway Blood Clotting Cascade, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Dissolution of Fibrin Clot, organism-specific biosystem; Endochondral

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	Ossification, organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	peptidase activity; protein binding; serine-type endopeptidase activity; serine-type endopeptidase activity;