

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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;