

Recombinant Active rat tPA, two chain

Cat. No. Plat -96R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinantly produced in insect cells. Activated from single-chain form with immobilized plasmin.
Species	Rat
Source	Insect Cells
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
Concentration	2.0 mg/ml
Storage Buffer	0.4M HEPES; 0.1M NaCl; pH 7.4

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

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

Shipping Dry ice

GENE INFORMATION

Gene Name [Plat plasminogen activator, tissue \[Rattus norvegicus \]](#)

Official Symbol Plat

Synonyms PLAT; plasminogen activator, tissue; tissue-type plasminogen activator; t-PA; t-plasminogen activator; tissue plasminogen activator; tPA; PATISS;

Gene ID [25692](#)

mRNA Refseq [NM_013151](#)

Protein Refseq [NP_037283](#)

UniProt ID [P19637](#)

Chromosome Location 16q12.5

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 Ossification, organism-specific biosystem; Hemostasis, organism-specific biosystem;

Function molecular_function; peptidase activity; serine-type endopeptidase activity; serine-type endopeptidase activity;

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