

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 |

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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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