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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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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