

Recombinant Rat Plau protein, His-tagged

Cat. No. Plau-582R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Plau aa. (Ser17~Phe432) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser17~Phe432
Description	Displays a post-transcriptional increase in enzyme levels in chemically induced mammary carcinoma; may play a role in tumor invasion and metastasis.
Form	Freeze-dried powder
Molecular Mass	50kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 8.2.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

 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

accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Concentration

200µg/mL

Storage buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Plau plasminogen activator, urokinase [*Rattus norvegicus* (Norway rat)]

Official Symbol

Plau

Synonyms

Plau; plasminogen activator, urokinase; UPAM; urokinase-type plasminogen activator; U-plasminogen activator; Urinary plasminogen activator, urokinase; uPA; urokinase plasminogen activator

Gene ID

25619

mRNA Refseq

NM_013085.3

Protein Refseq

NP_037217.3

 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




UniProt ID

Q3KR76

SDS-PAGE

 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