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 1μg (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

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	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

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UniProt ID	Q3KR76
SDS-PAGE	

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