

Recombinant Human Plasminogen Activator, Urokinase

Cat. No. PLAU-702H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Plasminogen Activator, Urokinase is expressed in <i>Insect cell culture</i> . MW= 33,000 Da.
Species	Human
Source	Insect Cells
Description	This gene encodes a serine protease involved in degradation of the extracellular matrix and possibly tumor cell migration and proliferation. A specific polymorphism in this gene may be associated with late-onset Alzheimer disease and also with decreased affinity for fibrin-binding. The protein encoded by this gene converts plasminogen to plasmin by specific cleavage of an Arg-Val bond in plasminogen. This gene's proprotein is cleaved at a Lys-Ile bond by plasmin to form a two-chain derivative in which a single disulfide bond connects the amino-terminal A-chain to the catalytically active, carboxy-terminal B-chain.
Form	Frozen liquid.
Buffer	0.05M Sodium Acetate; 0.1M NaCl; 1mM EDTA; pH 5.0.
Concentration	2.5 mg/ml.
Aliquot	1 x 0.1 mg.
Shipping Conditions	Dry ice.

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

Storage Store at -70°C.

GENE INFORMATION

Gene Name [PLAU plasminogen activator, urokinase \[Homo sapiens \]](#)

Synonyms PLAU; plasminogen activator, urokinase; ATF; UPA; URK; u-PA; U-plasminogen activator; urokinase-type plasminogen activator; plasminogen activator, urinary; EC 3.4.21.73

Gene ID [5328](#)

mRNA Refseq [NM_001145031](#)

Protein Refseq [NP_001138503](#)

MIM [191840](#)

UniProt ID [P00749](#)

Chromosome Location 10q24

Pathway Complement and coagulation cascades; Hemostasis

Function peptidase activity; serine-type endopeptidase activity

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