

Recombinant Dog Plasminogen Activator, Urokinase

Cat. No. PLAU-701D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog Plasminogen Activator, Urokinase is expressed in <i>Insect cell culture</i> . MW= 50,000 Da.
Species	Dog
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	4.0 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 \[Canis lupus familiaris \]](#)

Synonyms PLAU; plasminogen activator, urokinase; plasminogen activator, urokinase; urokinase-type plasminogen activator

Gene ID [403426](#)

mRNA Refseq [XM_536394](#)

Protein Refseq [XP_536394](#)

Chromosome Location 4

Pathway Complement and coagulation cascades

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