

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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Storage	Store at -70°C.
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GENE INFORMATION

Gene Name	PLAU plasminogen activator, urokinase [<i>Canis lupus familiaris</i>]
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Synonyms	PLAU; plasminogen activator, urokinase; plasminogen activator, urokinase; urokinase-type plasminogen activator
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Gene ID	403426
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mRNA Refseq	XM_536394
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Protein Refseq	XP_536394
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Chromosome Location	4
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Pathway	Complement and coagulation cascades
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