

Native Human Plasminogen Protein

Cat. No. PLG-15H Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Human Plasma
Form	Lyophilized from 20 mM NaP04, pH 7.4, with 10 mg/ml D-Mannitol and 10 mg/mlNaCl.
Unit Definition	One unit is defined as the amount of enzyme that hydrolyzes one umol of tosyl-Gly-Pro-Lys-pNA per minute at 25°C, pH 7.8. Note: One unit =1.25 CU.
Enzyme Unit	5 units/mg protein
Storage	Store at -20°C. Avoid freeze-thaw cycles.
Reconstitution	Reconstitute in deionized H2O Avoid freeze-thaw cycles.

GENE INFORMATION

Gene Name	PLG plasminogen [Homo sapiens]
Official Symbol	PLG
Synonyms	PLG; plasminogen; plasmin; DKFZp779M0222;

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

Gene ID	5340
mRNA Refseq	NM_001168338
Protein Refseq	NP_001161810
MIM	173350
UniProt ID	P00747
Chromosome Location	6q26
Pathway	Activation of Matrix Metalloproteinases, organism-specific biosystem; Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Blood Clotting Cascade, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Degradation of the extracellular matrix, organism-specific biosystem;
Function	apolipoprotein binding; cell surface binding; peptidase activity; protein binding; protein domain specific binding; serine-type endopeptidase activity;

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