

Native Rat Plasminogen

Cat. No. Plg-5465R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native rat Plg is prepared from fresh rat plasma by immobilized lysine chromatography.
Species	Rat
Source	Rat plasma
Description	Plg is an important enzyme present in blood that degrades many blood plasma proteins, most notably, fibrin clots. The degradation of fibrin is termed fibrinolysis. In humans, the plasmin protein is encoded by the PLG gene.
Form	Liquid in 0.1 M HEPES + 0.1 M NaCl, pH 7.4.
Molecular Mass	92.0 kDa
Storage	Store in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	Plg plasminogen [<i>Mus musculus</i>]
Official Symbol	Plg
Synonyms	PLG; plasminogen; Ab1-346;

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Gene ID	85253
mRNA Refseq	NM_053491
Protein Refseq	NP_445943
Pathway	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; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Dissolution of Fibrin Clot, organism-specific biosystem;
Function	apolipoprotein binding; cell surface binding; endopeptidase activity; peptidase activity; protein domain specific binding; serine-type endopeptidase activity; serine-type endopeptidase activity;

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