

Plasminogen Active Protein | PLG active protein

Plasminogen (PLG), Human Plasma

CATALOG #
AAA44858

PRODUCT SYNONYMS

Plasminogen; Plasminogen (PLG); Human Plasma; PLG; Plasminogen (PLG) - >=95% (SDS-PAGE); Plasmin Precursor; PLG active protein

PRODUCT SPECIFICATIONS

Purity/Purification	≥95% (SDS-PAGE)
Form/Format	Powder lyophilized from 20mM tris, 2mM EDTA , pH7.5
Sequence Length	812
Source	Human Plasma
Unit Definition	Amount of enzyme which hydrolyzes one micromole of N-tosyl-L arginine-methyl ester in 30 minutes at 37 degree C, pH 8.0.
Protein	1.0 mg/vial ($E^{0.1\%}_{280nm}=1.71$)
Activity	≥ 120 U/mg protein (after activation with streptokinase)
Handling	Handle as a potentially hazardous substance
Recovery	Centrifuge vial briefly to ensure full recovery
Preparation and Storage	Store at -20°C. Protect from moisture.

ADDITIONAL INFORMATION

Related Product Information for PLG active protein	AAA Biotech is a leading supplier of Human Plasma PLASMINOGEN in research and bulk quantities. Custom preparations, technical support, bulk quantities and aliquoting available. Plasmin is released as a zymogen called PLASMINOGEN (PLG) from the liver into the systemic circulation. Two major glycoforms of plasminogen are present in humans - type I plasminogen contains two glycosylation moieties (N-linked to N289 and O-linked to T346), whereas type II plasminogen contains only a single O-linked sugar (O-linked to T346). Type II plasminogen is preferentially recruited to the cell surface over the type I glycoform. Conversely, type I plasminogen appears more readily recruited to blood clots.
Product Categories/Family for PLG active protein	Proteins; Antigens; Enzymes; Standards/controls; Native Proteins; Plasminogen (plg)

NCBI AND UNIPROT INFORMATION

NCBI GI #	27806815
NCBI GeneID	280897
NCBI Accession #	NP_776376.1
NCBI GenBank Nucleotide #	NM_173951.2
Molecular Weight	88,400 (sequence)

NCBI Official Full Name	plasminogen
NCBI Official Symbol	PLG
NCBI Official Synonym Symbols	LPA
NCBI Protein Information	plasminogen; lipoprotein, Lp(a)
UniProt Protein Name	Plasminogen
UniProt Gene Name	PLG
UniProt Entry Name	PLMN_BOVIN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/active-protein/plasminogen/44858>