

PLG (Human) Native Protein

Catalog # P4943 Size 100 ug

Specification

Product Description	Human PLG native protein from human plasma.
Host	Human
Theoretical MW (kDa)	81
Form	Liquid
Preparation Method	Native protein purified from human plasma.
Purity	>= 90% by SDS-PAGE
Storage Buffer	In 200 mM Sodium Phosphate, 1 mM 6-aminohexanoic acid, pH 7.3 (50% glycerol).
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — PLG

Entrez GeneID	5340
Gene Name	PLG
Gene Alias	DKFZp779M0222
Gene Description	plasminogen
Omim ID	173350 217090

Gene Ontology

[Hyperlink](#)

Gene Summary

Plasminogen (PLG) is a circulating zymogen that is converted to the active enzyme plasmin by cleavage of the peptide bond between arg560 and val561, which is mediated by urokinase (PLAU; MIM 191840) and tissue plasminogen activator (PLAT; MIM 173370). The main function of plasmin is to dissolve fibrin (see, e.g., FGA, MIM 134820) clots. Plasmin, like trypsin, belongs to the family of serine proteinases (Miyata et al., 1982 [PubMed 6216475]; Forsgren et al., 1987 [PubMed 3030813]).[supplied by OMIM]

Other Designations

OTTHUMP00000017544

Pathway

- [Complement and coagulation cascades](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alzheimer disease](#)
- [Aspergillosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Inflammation](#)
- [Liver Cirrhosis](#)
- [Lung Diseases](#)
- [Premature Birth](#)
- [Venous Thrombosis](#)