PLG (Human) Native Protein

Catalog # P11030 Size 1 mg

Specification

Product Description	Huamn PLG native protein from human plasma.
Source	Human Plasma
Host	Human
Theoretical MW (kDa)	88.40000000000001
Reactivity	Human
Form	Lyophilized
Concentration	Reported ($A_{280<}$
Purity	> 95% as determined by SDS-PAGE.
Activity	> 100 U/mg protein (After activation)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study

Gene Info — PLG

Entrez GeneID	5340
GeneBank Accession#	P00747
Gene Name	PLG

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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

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- Premature Birth
- Venous Thrombosis

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