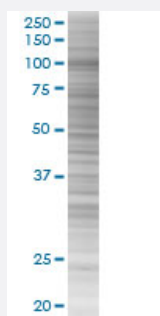


PLG 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005340-T01

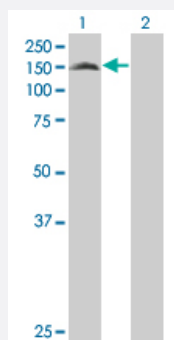
Size 100 uL

Applications



SDS-PAGE Gel

PLG transfected lysate.



Western Blot

Lane 1: PLG transfected lysate (89.21 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PLG full-length

Host Human

Theoretical MW (kDa) 89.21

Quality Control Testing Transient overexpression cell lysate was tested with Anti-PLG antibody ([H00005340-B01](#)) by Western Blots.
 SDS-PAGE Gel
 PLG transfected lysate.
 Western Blot
 Lane 1: PLG transfected lysate (89.21 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PLG

Entrez GeneID[5340](#)**GeneBank Accession#**[NM_000301](#)**Protein Accession#**[NP_000292](#)**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](#)