

Recombinant Human PLG, GST-tagged

Cat. No. PLG-1786H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLG protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	461-810aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PLG plasminogen [Homo sapiens]
Official Symbol	PLG
Synonyms	PLG; plasminogen; plasmin; DKFZp779M0222;
Gene ID	5340

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mRNA Refseq	NM_001168338
Protein Refseq	NP_001161810
MIM	173350
UniProt ID	P00747
Chromosome Location	6q26
Pathway	Activation of Matrix Metalloproteinases, organism-specific biosystem; Angiotensin receptor Tie2-mediated signaling, organism-specific biosystem; 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; Degradation of the extracellular matrix, organism-specific biosystem;
Function	apolipoprotein binding; cell surface binding; peptidase activity; protein binding; protein domain specific binding; serine-type endopeptidase activity;