

Active Recombinant Human PLG Protein, Fc Chimera

Cat. No. PLG-1107H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLG (Accession # P00747), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Met-Asp-Pro100
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of THP-1 human acute monocytic leukemia cells. Chavakis, T. et al. (2005) Blood 10 ⁵ :1036. The ED50 for this effect is typically 0.5-2.5 µg/mL.
Molecular Mass	Recombinant Human PLG, Fc Chimera has a calculated MW of 67.7 kDa (monomer). In SDS-PAGE migrates as 75-85 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE with silver staining, under reducing conditions.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

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Gene Name	PLG plasminogen [Homo sapiens]
Official Symbol	PLG
Synonyms	PLG; plasminogen; plasmin; DKFZp779M0222;
Gene ID	5340
mRNA Refseq	NM_001168338
Protein Refseq	NP_001161810
MIM	173350
UniProt ID	P00747
Chromosome Location	6q26

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