

## Recombinant Human PLG protein, His-tagged

**Cat. No.** PLG-3348H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PLG protein(P00747)(274-560aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 274-560aa                                                                                                                                                                                                                                                                                                                                    |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                             |
| <b>Molecular Mass</b>   | 36.0 kDa                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | <p>QCLKGTGENYRGNVAVTVSGHTCQHWSAQTPHTHNRTPENFPCKNLDENYCRNP</p> <p>DGKRAPWCHTTNSQVRWEYCKIPSCDSSPVSTEQLAPTAPPELTPVVQDCYHGDG</p> <p>QSYRGTSSTTTTGKKCQSWSSMTPHRHQKTPENYPNAGLTMNYCRNPDADKGPW</p> <p>CFTTDPSVRWEYCNLKKCSGTEASVAPPPVLLPDVETPSEEDCMFGNGKGYRG</p> <p>KRATTVTGTPCQDWAAQEPHRHSIFTPETNPRAGLEKNYCRNPDGDVGGPWCYTT</p> <p>NPRKLYDYCDVPQC</p> |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                  |

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**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

**GENE INFORMATION****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

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