

## Active Recombinant Human PLAU protein, His-tagged

**Cat. No.** PLAU-1108H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human PLAU protein(P00749-1)(Ser21-Leu431) is expressed from HEK293 with His tag at the C-Terminus.                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 21-431 aa                                                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in 25mM HEPES, 150mM NaCl (pH 7.5).                                                                                                                                           |
| <b>Bio-activity</b>     | Immobilized Human PLAU, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Human uPAR, hFc Tag with the EC50 of 2.4ng/ml determined by ELISA.                                                       |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 47.5 kDa. Due to glycosylation, the protein migrates to 52-60 kDa based on Bis-Tris PAGE result.                                                                                      |
| <b>Endotoxin</b>        | Less than 1 EU per µg by the LAL method.                                                                                                                                                                                |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC                                                                                                                                                        |
| <b>Storage</b>          | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

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**Reconstitution** Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

**Gene Name** [PLAU plasminogen activator, urokinase \[ Homo sapiens \]](#)

**Official Symbol** [PLAU](#)

**Synonyms** PLAU; plasminogen activator, urokinase; urokinase-type plasminogen activator; UPA; URK; U-plasminogen activator; plasminogen activator, urinary; ATF; QPD; u-PA; BDPLT5;

**Gene ID** [5328](#)

**mRNA Refseq** [NM\\_001145031](#)

**Protein Refseq** [NP\\_001138503](#)

**MIM** [191840](#)

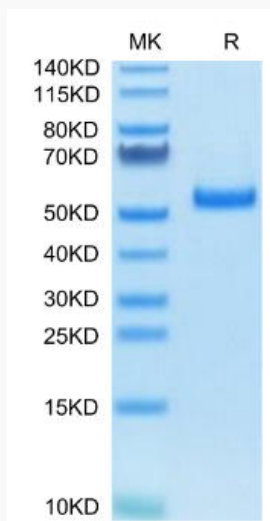
**UniProt ID** [P00749](#)

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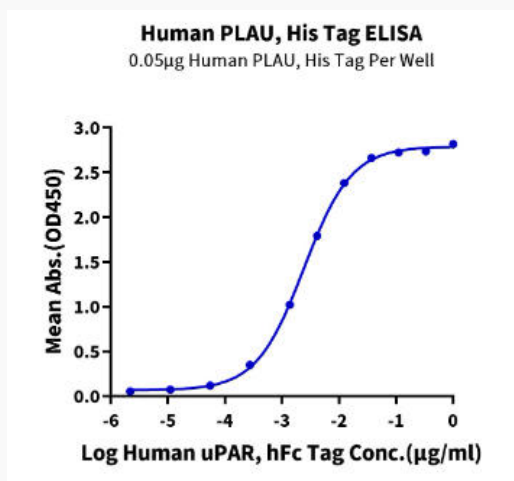
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## Bis-Tris PAGE



## ELISA Data



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