

RP00652

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# Recombinant Human uPA/PLAU Protein

Catalog No.: RP00652 **Recombinant**

## Sequence Information

| Species      | Gene ID | Swiss Prot |
|--------------|---------|------------|
| HEK293 cells | 5328    | P00749-1   |

### Tags

C-His

### Synonyms

PLAU; Urokinase; ATF; UPA; URK; u-PA; BDPLT5; QPD

## Product Information

### Source

HEK293 cells

### Purification

> 95% by SDS-PAGE ; > 95% by HPLC

### Endotoxin

< 1 EU/μg of the protein by LAL method

### Formulation

Lyophilized from 0.22 μm filtered solution in 1% HCOOH, 1 mM DTT (pH 3.0). Normally 8% trehalose is added as protectant before lyophilization.

### Reconstitution

Please contact us for reconstitution instructions.

## Background

Plasminogen activator, urokinase (uPA) is a secreted serine protease whose Dysregulation is often accompanied by various cancers. PLAU inhibition could suppress tumor growth. Collectively, PLAU is necessary for tumor progression and can be a diagnostic and prognostic biomarker in HNSCC.

## Basic Information

### Description

Recombinant Human uPA/PLAU Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser21-Leu431) of Human uPA/PLAU (Accession #P00749-1) fused with a C-His tag at the C-terminus.

### Bio-Activity

### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

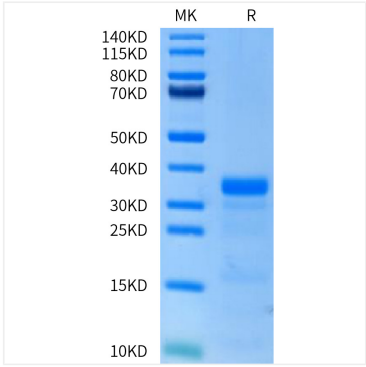
## Contact



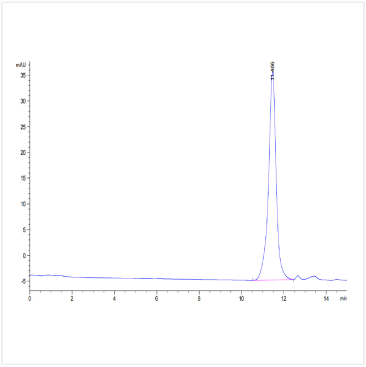
[www.abclonal.com](http://www.abclonal.com)

\* For your safety and health, please wear a lab coat and disposable gloves when handling.

# Validation Data



Human PLAU (activated by trypsin) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Human PLAU (activated by trypsin) is greater than 95% as determined by SEC-HPLC.