

**Catalog No.: RP00652** **Recombinant**

Species	Gene ID	Swiss Prot
Human	5328	P00749-1

## C-His

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

<b>Source</b>	<b>Purification</b>
HEK293 cells	≥ 95 % as determined by SDS-PAGE; ≥ 95 % as determined by HPLC.

17.9, 29.2, 15.3 kDa 30-38, 17 kDa

< 1 EU/μg of the protein by LAL method.

Lyophilized from 0.22  $\mu\text{m}$  filtered solution in 1%  $\text{HCOOH}$ , 1 mM DTT (pH 3.0). Normally 8% trehalose is added as protectant before lyophilization.

Please contact us for reconstitution instructions.

☎ | 400-999-6126

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✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

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🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

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.

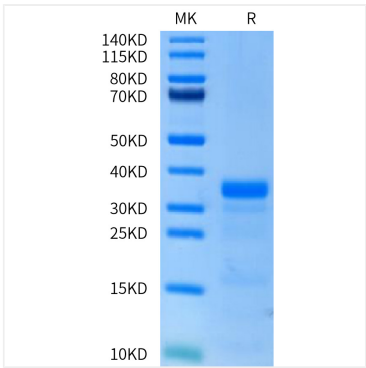
Recombinant Human uPA/PLAU Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser21-Leu431) of Human uPA/PLAU (Accession #P00749-1) fused with a C-His tag at the C-terminus.

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

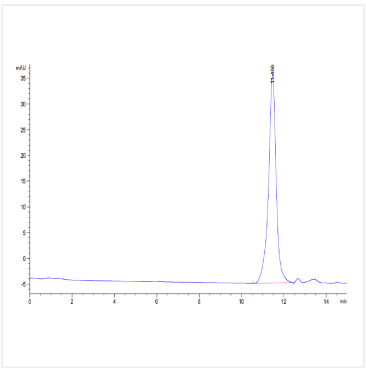
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

# Validation Data



Recombinant Human uPA/PLAU Protein was determined by Tris-Bis PAGE under reducing conditions.



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