

Recombinant Human uPA/PLAU Protein

Catalog No.: RP00652 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	5328	P00749-1

Tags

C-His

Synonyms

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

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE > 95% by HPLC

Calculated MW Observed MW
17.9, 29.2, 15.3 kDa 30-38, 17 kDa

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.

Contact

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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

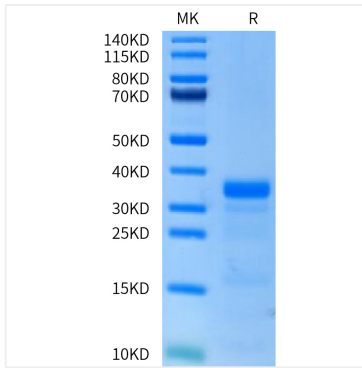
Storage

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

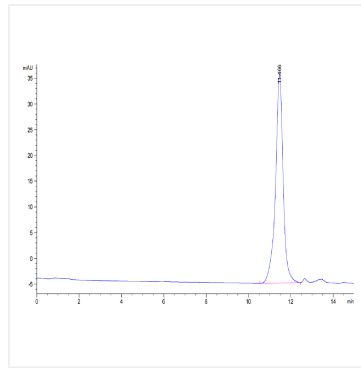
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

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.