

Biotinylated Recombinant Human uPA/PLAU Protein

Catalog No.: RP00648B

Sequence Information

Species	Gene ID
Human	5328
Swiss Prot	Tags
P00749-1	C-His&Avi

Synonyms

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

Product Information

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

Calculated MW	Observed MW
49.3 kDa	24-26, 35-38, 52-60 kDa

Endotoxin

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

Formulation

Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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

Biotinylated 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&Avi tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

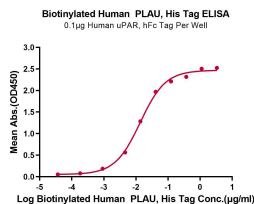
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

		400-999-6126
		cn.market@abclonal.com.cn
		www.abclonal.com.cn

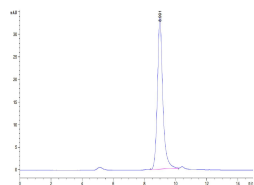
Validation Data



Immobilized Human uPAR, hFc Tag at 1 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Human PLAU, His Tag with the EC₅₀ of 13.6ng/mL determined by ELISA.



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



The purity of Biotinylated Human PLAU is greater than 95% as determined by SEC-HPLC.