

# Biotinylated Recombinant Human uPAR/PLAUR/CD87 Protein

Catalog No.: RP00653B **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	5329	Q03405-1

### Tags

C-His&Avi

### Synonyms

U-PAR; uPAR; CD87; PLAUR; MO3; UPAR

## Product Information

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

Calculated MW	Observed MW
34.36 kDa	50-65 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.

## Contact

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## Background

The receptor (u-PAR) for urokinase plasminogen activator (u-PA) is a three-domain protein, GPI-anchored to the cell surface, which focuses the enzymatic activity of u-PA, and allows the cell surface activation of plasminogen. Regulation of the activity of u-PA is also mediated by u-PAR.

## Basic Information

### Description

Biotinylated Recombinant Human uPAR/PLAUR/CD87 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu23-Gly305) of Human uPAR/PLAUR/CD87 (Accession #Q03405-1) fused with a C-His&Avi tag at the C-terminus.

### Bio-Activity

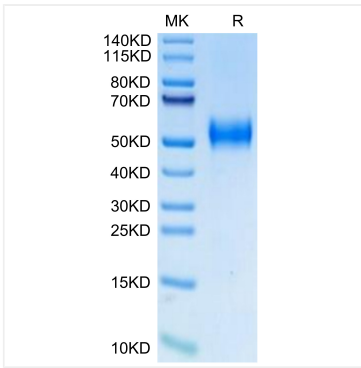
#### Storage

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

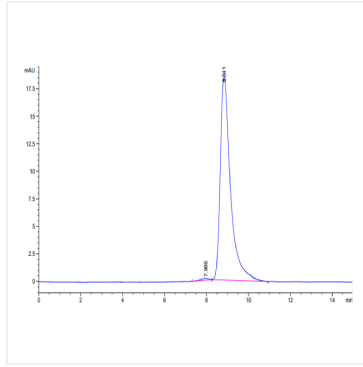
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

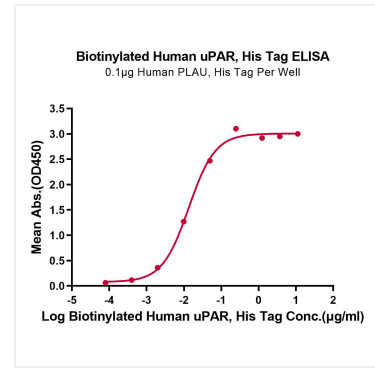
## Validation Data



Biotinylated Human uPAR on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



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



Immobilized Human PLAU, His Tag at 1 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Human uPAR, His Tag with the  $EC_{50}$  of 13.4ng/mL determined by ELISA.