

RP00653B

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Biotinylated Recombinant Human uPAR/PLAUR/CD87 Protein

Catalog No.: RP00653B

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	5329	Q03405-1

Tags

C-His&Avi

Synonyms

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

Product Information

Source

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.

Purification

≥ 95 % as determined by SDS-PAGE; ≥ 95 % as determined by HPLC.

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.

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

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.

Operational Notes

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

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

Reconstitution

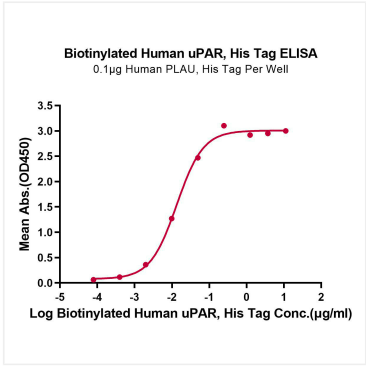
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Contact

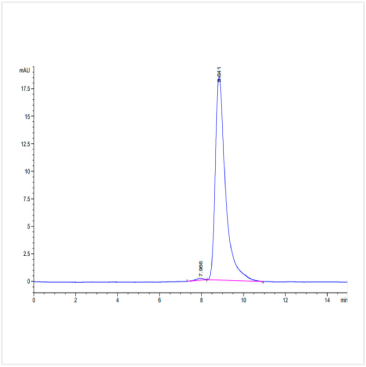


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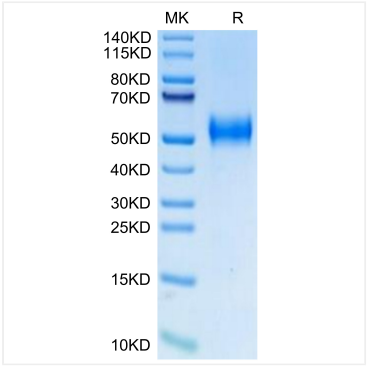
Validation Data



Immobilized Human PLA, His Tag at 1 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Human uPAR, His Tag with the EC₅₀ of 13.4ng/mL determined by ELISA.



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



Biotinylated Recombinant Human uPAR/PLAUR/CD87 Protein was determined by Tris-Bis PAGE under reducing conditions.