

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 % as

Is ≥ 95 % as
determined by SDSPAGE;≥ 95 % as
determined 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 stablizer (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

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

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

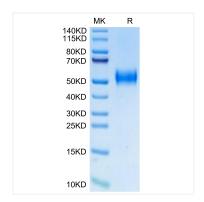
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

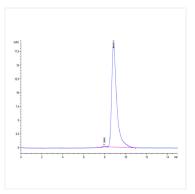
Operational Notes

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

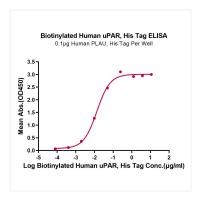
Validation Data



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



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



Immobilized Human PLAU, His Tag at 1 μ g/mL (100 μ L/well) on the plate. Dose response curve for Biotinylated Human ν PAR, His Tag with the EC₅₀ of 13.4ng/mL determined by ELISA.