Biotinylated Recombinant Human uPAR/PLAUR /CD87 Protein

Catalog No.: RP00653B

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Sequence Information

Species
Human

Gene ID
5329

Swiss Prot
Q03405-1

Tags
C-His&Avi

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

Product Information

Source
HEK293 cells

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

Calculated MW
34.36 kDa

Observed MW
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.

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.

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℃

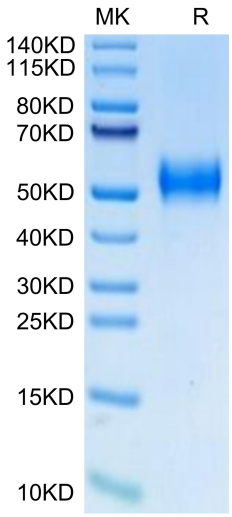
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

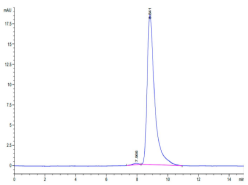
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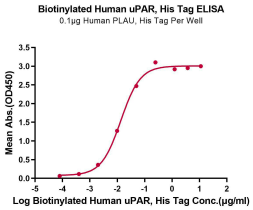
Validation Data



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 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.