

Biotinylated Recombinant Human Angiopoietin-like 3/ANGPTL3 Protein

Catalog No.: RP02273 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	27329	Q9Y5C1

Tags

C-His&Avi

Synonyms

ANG-5; ANGPT5; ANL3;
FHBL2;ANGPTL3;ANGPT5;ANL3;FHBL2

Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE

Endotoxin

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

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the tube 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.

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Background

Basic Information

Description

Biotinylated Recombinant Human Angiopoietin-like 3 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ser17-Lys219) of Human Angiopoietin-like 3 fused with His tag and Avi tag at the C-terminal.

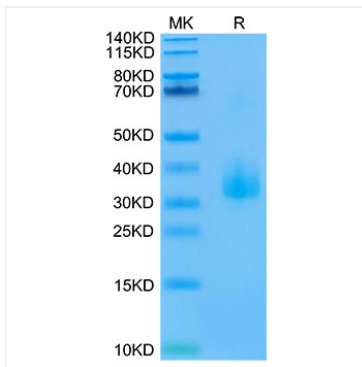
Bio-Activity

Immobilized Biotinylated Human Angiopoietin-like 3, His Tag at 0.5 μg/mL (100 μL/Well). Dose response curve for Anti-ANGPTL3 Ab. with the EC₅₀ of 11.5 ng/mL determined by ELISA.

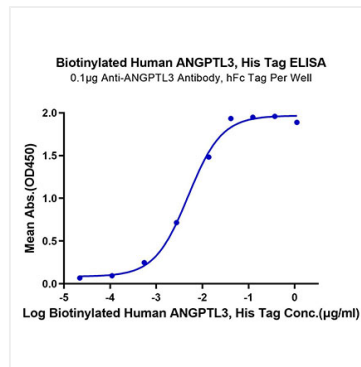
Storage

Store the lyophilized protein at -20°C to -80°C for long term. 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 ANGPTL3 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.



Immobilized Anti-ANGPTL3 Antibody, hFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human ANGPTL3, His Tag with the EC₅₀ of 5.0ng/ml determined by ELISA.