

Biotinylated Recombinant Human Angiopoietin-like 3/ANGPTL3 (17-219) Protein

Catalog No.: RP02273B **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 % as determined by Tris-Bis PAGE.

Calculated MW	Observed MW
26.6 kDa	30-38 kDa

Endotoxin

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

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization. Contact us for customized product form or formulation.

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.

Contact

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Background

ANGPTL3 is a secreted glycoprotein that is structurally related to the angiopoietins. Mature human ANGPTL3 contains an N-terminal coiled coil domain and a C-terminal fibrinogen-like domain. ANGPTL3 is expressed in the liver from early in development through adulthood. Acts in part as a hepatokine that is involved in regulation of lipid and glucose metabolism. Proposed to play a role in the trafficking of energy substrates to either storage or oxidative tissues in response to food intake.

Basic Information

Description

Biotinylated Recombinant Human Angiopoietin-like 3/ANGPTL3(17-219) Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ser17-Lys219) of Human Angiopoietin-like 3/ANGPTL3 fused with His tag and Avi tag at the C-terminus.

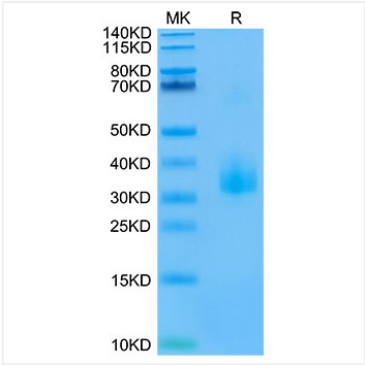
Bio-Activity

Storage

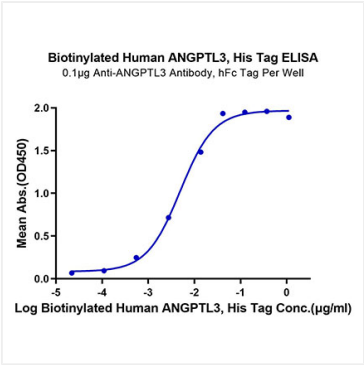
Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.



Validation Data



Biotinylated Recombinant Human Angiopoietin-like 3/ANGPTL3 (17-219) Protein was determined by Tris-Bis PAGE under reducing conditions.



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.