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

Catalog No.: RP02273B

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Sequence Information

Species
Human

Gene ID
27329

Swiss Prot
Q9Y5C1

Tags
C-His&Avi

Synonyms
ANG-5, ANGPT5, ANL3, FHBL2, ANGPTL3,ANGPT5,ANL3,FHBL2

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by Tris-Bis PAGE.

Calculated MW
26.6 kDa

Observed MW
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 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

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 HumanAngiopoietin-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.

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℃

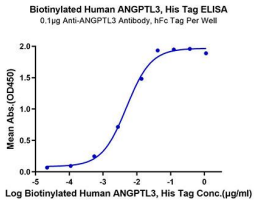
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

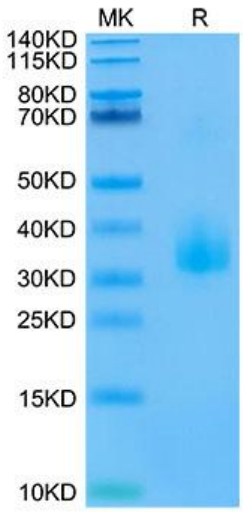
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Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



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 EC_{50} of 5.0 ng/ml determined by ELISA.



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