

RP01024

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Recombinant Human Angiopoietin-like 3/ANGPTL3 Protein

Catalog No.: RP01024

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	27329	Q9Y5C1

Tags

C-His

Synonyms

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

Product Information

Source	Purification
	> 90% by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

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 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



www.abclonal.com

Background

Angiopoietin-like protein 3 (ANGPTL3) also known as Angiopoietin-related protein 3, Angiopoietin-5 (ANG-5) is a secreted glycoprotein that is structurally related to the angiopoietins. Human ANGPTL3 contains an N-terminal coiled coil domain and a C-terminal fibrinogen-like domain. The fibrinogen C-terminal domain is sufficient to mediate endothelial cell adhesion. ANGPTL3 is principally expressed in the liver and can exert activities related to both angiogenesis and lipid metabolism. ANGPTL3 directly inhibits lipoprotein lipase (LPL) and endothelial lipase (EL), enzymes responsible for hydrolyzing circulating triglycerides and HDL phospholipids.

Basic Information

Description

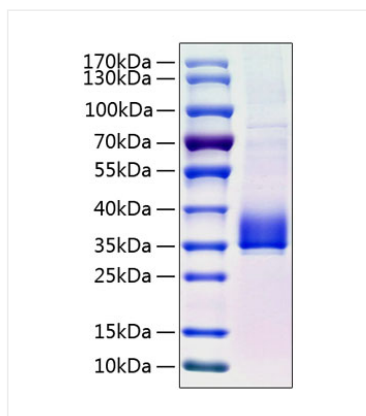
Recombinant Human Angiopoietin-like 3/ANGPTL3 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser17-Pro220) of human ANGPTL3/Angiopoietin-like 3 (Accession #NP_055310.1) fused with a 6×His tag at the C-terminus.

Bio-Activity

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



Recombinant Human Angiopoietin-like 3/ANGPTL3 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 35-38 kDa.