

Recombinant Human Angiopoietin-like 3/ANGPTL3(17-220) Protein

Catalog No.: RP01024 Recombinant

Sequence Information

Species Gene ID Swiss Prot Human 27329 Q9Y5C1

Tags C-His

Synonyms

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

Product Information

Source Purification HEK293 cells ≥ 90 % as

determined by SDS-

PAGE.

Calculated MW Observed MW

24.64 kDa 35-38 kDa

Endotoxin

 $< 0.1 \; \text{EU/}\mu\text{g}$ 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

a	400-999-6126
×	cn.market@abclonal.com.cn
	www.abclonal.com.cn

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(17-220) 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

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

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.

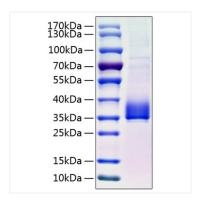
Avoid repeated freeze/thaw cycles.

Operational Notes

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

^{*} DODOODOODOODOODOO

Validation Data



Recombinant Human Angiopoietin-like 3/ANGPTL3(17-220) Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.