

Catalog No.: RP02866 **Recombinant**

Species	Gene ID	Swiss Prot
Human	27329	O9Y5C1

C-His

ANG-5; ANGPT5; ANL3;
FHBL2;ANGPTL3;ANGPT5;ANL3;FHBL2;AN
GPTL3

Source	Purification
HEK293 cells	≥ 90% as determined by SDS-PAGE.

Calculated MW	Observed MW
52.65 kDa	65-75 kDa

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

Lyophilized from a 0.22 μ m filtered solution of PBS, 0.05% CHAPS, pH7.4.

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.

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

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.

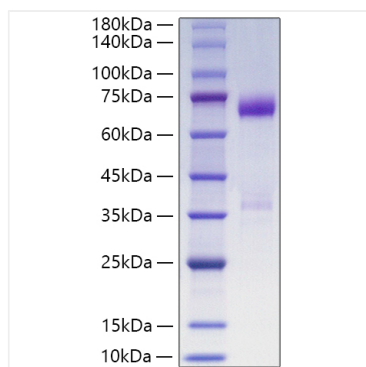
Recombinant Human Angiopoietin-like 3/ANGPTL3(17-460) Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser17-Glu460) of human Angiopoietin-like 3/ANGPTL3 (Accession #NP_055310.1) fused with a 6×His tag at the C-terminus.

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



Recombinant Human Angiopoietin-like 3/ANGPTL3(17-460) Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.