

# Recombinant Human Angiopoietin-like 3/ANGPTL3(237-460) Protein

Catalog No.: RP01831 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	27329	Q9Y5C1

### Tags

C-His

### Synonyms

ANL3; ANG-5; FHBL2;  
ANGPT5;Angiopoietin-like 3;ANGPTL3

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Calculated MW	Observed MW
26.96 kDa	35-40 kDa

### Endotoxin

< 0.1 EU/μg

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

### 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

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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

Recombinant Human Angiopoietin-like 3/ANGPTL3(237-460) Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Val237-Glu460) of human Angiopoietin-like 3/ANGPTL3 (Accession #NP\_055310.1) fused with a 6×His tag at the

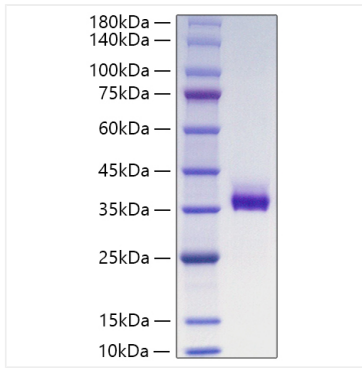
### Bio-Activity

### 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

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Recombinant Human Angiopoietin-like 3/ANGPTL3 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 35-45 kDa.