# Recombinant Mouse Angiopoietin-like 3/ANGPTL3 (17-206) Protein

**Catalog No.: RP02967**

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## Sequence Information

| Species | Gene ID |
|---|---|
| Mouse | 30924 |
| **Swiss Prot** | **Tags** |
| Q9R182 | C-His |

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

## Product Information

| Source | Purification |
|---|---|
| HEK293 cells | ≥ 95 % as determined by SDS-PAGE. |
| **Calculated MW** | **Observed MW** |
| 22.7 kDa | 25-30 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.

**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

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 Mouse Angiopoietin-like 3/ANGPTL3(17-206) Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser17-Thr206) of mouse Angiopoietin-like 3/ANGPTL3 (Accession #NP_038941.1) fused with a 6×His 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.

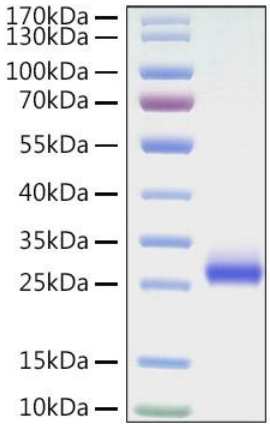
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## Validation Data




Recombinant Mouse Angiopoietin-like 3/ANGPTL3 (17-206) Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.