

# Human ANGPTL4 / angiopoietin-like protein 4 (Fc Tag)



Catalog Number: 503027

## General Information

### Gene Name Synonym

Angiopoietin-like protein 4; Hepatic fibrinogen/angiopoietin-related protein

### Protein Construction

A DNA sequence encoding the human ANGPTL4 (Q9BY76) (Pro166-Ser406) was expressed, with the fused Fc region of human IgG1 at the N-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 92 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Glu

### Molecular Mass

The recombinant human ANGPTL4/Fc is a disulfide-linked homodimer. The reduced

monomer comprises 501 amino acids and has a predicted molecular mass of 55.5 kDa. The apparent molecular mass of the protein is approximately 65 kDa in SDS-PAGE under reducing conditions due to glycosylation.

### Formulation

Lyophilized from sterile 50mM Tris-Citrate, 0.3 M NaCl, pH 6.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

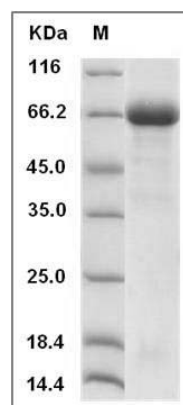
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human ANGPTL4 Protein (Fc Tag) SDS-PAGE