

# Mouse ANGPTL2/Angiopoietin-like 2 (Fc Tag) recombinant protein



Catalog Number: 500112

## General Information

### Gene Name Synonym

Angiopoietin-like protein 2

### Protein Construction

A DNA sequence encoding the mouse ANGPTL2 (Q9R045) (Asp245-His493) was expressed with the Fc region of human IgG1 at the N-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

(96.6+1.7) % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Glu

### Molecular Mass

The recombinant mouse ANGPTL2/Fc is a disulfide-linked homodimer. The reduced

monomer comprises 509 amino acids and has a predicted molecular mass of 57.5 kDa. The apparent molecular mass of the protein is approximately 58 kDa in SDS-PAGE under reducing conditions due to glycosylation.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

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

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

## Usage Guide

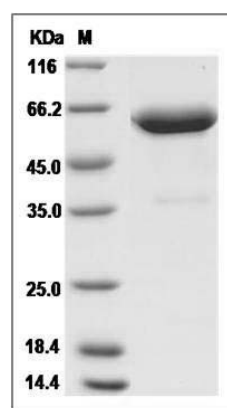
### Storage

Store it under sterile conditions at -20°C to -80°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



Mouse ANGPTL2 / Angiopoietin-like 2 Protein (Fc Tag) SDS-PAGE