

# Rat PDGFRA/CD140a (Fc Tag) recombinant protein



Catalog Number: 504118

## General Information

### Gene Name Synonym

Alpha platelet-derived growth factor receptor;  
Alpha-type platelet-derived growth factor receptor

### Protein Construction

A DNA sequence encoding the rat PDGFRA (G3V6A0) (Met1-Glu523) was expressed with the Fc region of human IgG1 at the C-terminus.

### Organism

Rat

### Expression Host

Human Cells

## QC Testing

### Purity

(96.6±2.8) % 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

Leu 24

### Molecular Mass

The recombinant rat PDGFRA/Fc is a disulfide-

linked homodimer. The reduced monomer comprises 741 amino acids and has a predicted molecular mass of 83.2 kDa. The apparent molecular mass of the protein is approximately 112-120 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

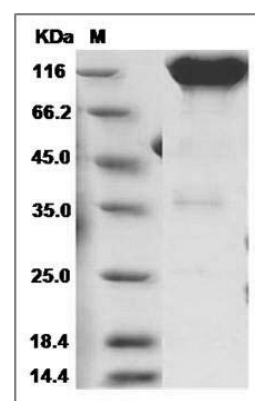
### Storage

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



Rat PDGFRA / CD140a Protein (Fc Tag) SDS-PAGE