

# Rhesus PDGFRB/CD140b (His Tag) recombinant protein



Catalog Number: 503982

## General Information

### Gene Name Synonym

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

### Protein Construction

A DNA sequence encoding the rhesus PDGFRB (XP\_001107595.1) (Met1-Phe530) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Rhesus

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA. Immobilized Rhesus PDGFRB-His at 10 µg/ml (100 µl/well) can bind Rhesus PDGFB (Cat:502517), The EC<sub>50</sub> of Rhesus PDGFB (Cat:502517) is 3-8 ng/ml.

### Purity

> 95 % 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 33

### Molecular Mass

The recombinant rhesus PDGFRB comprises 509 amino acids and has a calculated molecular mass of 57.7 Kda.

### 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

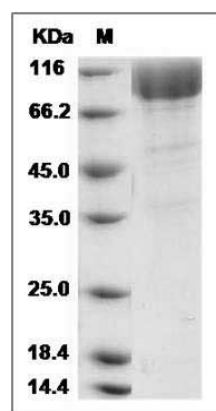
### Storage

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



Cynomolgus PDGFRB / PDGFR-1 Protein (His Tag) SDS-PAGE