

# Biotinylated Recombinant Human PDGFR- alpha/CD140a Protein

Catalog No.: RP02476B **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	5156	P16234

### Tags

C-His&Avi

### Synonyms

PDGFRA;CD140A;PDGFR-2;PDGFR2;GAS9  
;RHEPDGFRA

## Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE and HPLC

Calculated MW	Observed MW
59.2 kDa	70-83 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. Normally 8% trehalose is added as protectant before lyophilization. Contact us for customized product form or formulation.

### 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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

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## Background

Platelet-derived growth factor is commonly known as a mitogen. Many research data suggest a role for PDGF-beta R in the mitogenic response of mesangial cells. There are four members of PDGF family known as PDGF-A chain, PDGF-B chain, PDGF-C chain and PDGF-D chain, which in active forms are dimers. As far as two receptors PDGF-alpha R and PDGF-beta R are known to bind PDGF.

## Basic Information

### Description

Biotinylated Recombinant Human PDGF R alpha / PDGFRA Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Met1-Glu524) of Human PDGF R alpha / PDGFRA fused with His tag and Avi tag at the C-terminal.

### Bio-Activity

#### Storage

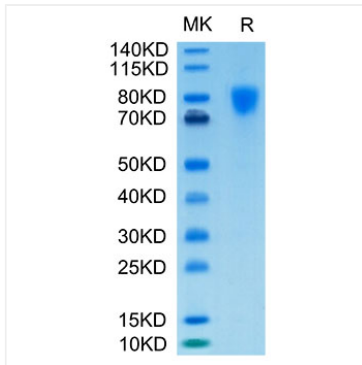
Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

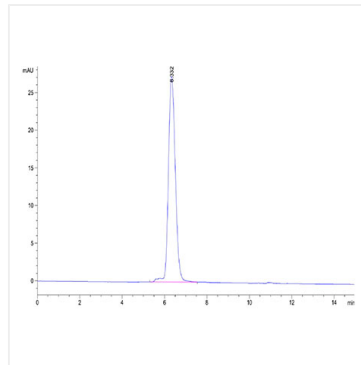
Avoid repeated freeze/thaw cycles.

## Validation Data

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Biotinylated Human PDGF R alpha/PDGFR A on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Biotinylated Human PDGF R alpha/PDGFR A is greater than 95% as determined by SEC-HPLC.