

RP02476B

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Biotinylated Recombinant Human PDGFR- alpha/CD140a Protein

Catalog No.: RP02476B

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	5156	P16234

Tags

C-His&Avi

Synonyms

PDGFRA;CD140A;PDGFR-2;PDGFR2;GA
S9;RHEPDGFRA

Product Information

Source

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.

Purification

≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

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

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

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

customized product form or formulation.

Reconstitution

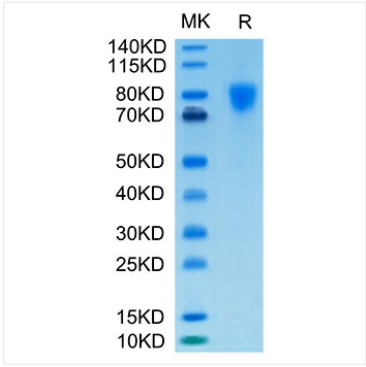
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Contact

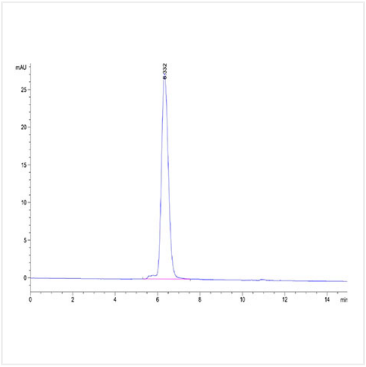


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Validation Data



Biotinylated Recombinant Human PDGFR- α /CD140a Protein was determined by Tris-Bis PAGE under reducing conditions.



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