Biotinylated Recombinant Human PDGFR-alpha /CD140a Protein

Catalog No.: RP02476B

Sequence Information

Species
Human

Gene ID
5156

Swiss Prot
P16234

Tags
C-His&Avi

Synonyms
PDGFRA,CD140A,PDGFR-2, PDGFR2,GAS9,RHEPDGFRA

Product Information

Source
HEK293 cells

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

Calculated MW
59.2 kDa

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

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.

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.

Storage
Store at -20℃

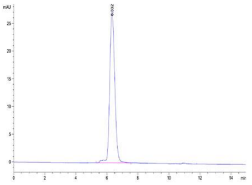
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

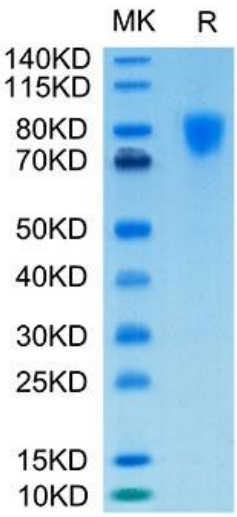
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Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



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



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