

General Information

Gene Name Synonym

PDGF-R-beta; PDGFR-beta; Beta platelet-derived growth factor receptor; Beta-type platelet-derived growth factor receptor; CD140 antigen-like family member B; Platelet-derived growth factor receptor 1; PDGFR-1; CD antigen CD140b

Protein Construction

A DNA sequence encoding the human PDGFR β (NP_002600.1) extracellular domain (Met1-Lys531) was expressed, with a C-terminal polyhistidine tag. The expressed protein was biotinylated in vitro.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

1. Measured by its binding ability in a functional ELISA.
2. Immobilized biotinylated human PDGFRb-His (Cat:10514-H08H-B) at 10 μ g/mL (100 μ L/well) can bind Cynomolgus PDGFB-Fc (Cat:90030-C04H). The EC₅₀ of Cynomolgus PDGFB-Fc is 30-80ng/mL.

Purity

> 95% as determined by SDS-PAGE.

Endotoxin

< 1.0 EU per μ g 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 human PDGFR β comprises 510 amino acids and predicts a molecular mass of 57.6 kDa.

Formulation

- Lyophilized from sterile Sterile PBS
1. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.
 2. Please contact us for any concerns or special requirements.

Usage Guide

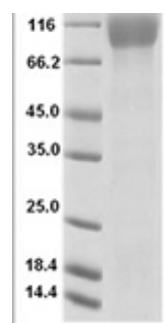
Storage

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

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

SDS-PAGE



Human PDGFRB recombinant protein (C-His)



Catalog Number: 514794

Human PDGFRB/CD140b Protein 15501