Human PDGFRB recombinant protein (C-His)

Catalog Number: 514794



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 PDGFRβ (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 $10\mu g/mL$ ($100\mu L/well$) can bind Cynomolgus PDGFB-Fc(Cat \square 90030-C04H), The EC₅₀ of Cynomolgus PDGFB-Fc is 30-80ng/mL.

Purity

> 95% as determined by SDS-PAGE.

Endotoxin

< 1.0 EU per μg 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

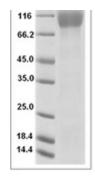
Storage

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



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Human PDGFRB/CD140b Protein 15501