Human PDGFRB/CD140b (His & Fc Tag) recombinant protein

Catalog Number: 503838



General Information

Gene Name Synonym

Beta platelet-derived growth factor receptor; Betatype platelet-derived growth factor receptor; CD140 antigen-like family member B; Plateletderived growth factor receptor 1

Protein Construction

A DNA sequence encoding the human PDGFR? (NP_002600.1) extracellular domain (Met 1-Lys 531) was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 70 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the 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 secreted recombinant human PDGFR?/Fc is a disulfide-linked homodimer. The reduced monomer comprises 747 amino acids and predicts a molecular mass of 84.2 kDa. It migrates as an approximately 125-135 kDa band in SDS-PAGE under reducing conditions due to glycosylation.

Formulation

Lyophilized from sterile PBS, pH 7.4

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

Usage Guide

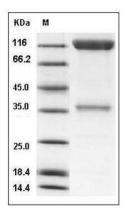
Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human PDGFRB / CD140b Protein (His & Fc Tag) SDS-PAGE