

Human PDGFRA/CD140a (His Tag) recombinant protein



Catalog Number: 503138

General Information

Gene Name Synonym

Alpha platelet-derived growth factor receptor; Alpha-type platelet-derived growth factor receptor; CD140 antigen-like family member A; CD140a antigen; Platelet-derived growth factor alpha receptor; Platelet-derived growth factor receptor 2

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Glu 524) of human PDGFR α (NP_006197.1) was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind human PDGFC-Fc in functional ELISA.

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g 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

Gln 24

Molecular Mass

The recombinant human PDGFR α consists of 512 amino acids and predicts a molecular mass of 57.7 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of rhPDGFR α is approximately 90-100 kDa due to the 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

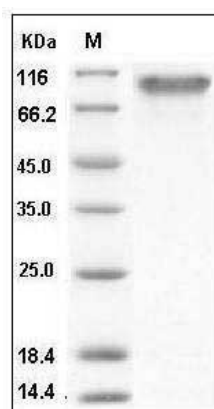
Storage

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 PDGFR α / CD140a Protein (His Tag) SDS-PAGE