

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

The mature form of human PDGFRA (NP_006197.1) extracellular domain (Met 1-Glu 524) with five amino acids (DDDDK) at the C-terminus was expressed and purified.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind mouse PDGF-C (Cat:501764) in functional ELISA.

Purity

> 95 % 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

Gln 24

Molecular Mass

The recombinant human PDGFR α consists of 507 amino acids and predicts a molecular mass of 56.8 kDa. By SDS-PAGE, 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

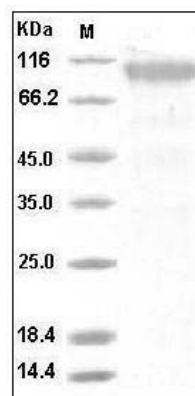
Storage

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 PDGFRA / CD140a Protein SDS-PAGE