

Rat PDGFRA/CD140a (Fc Tag) recombinant protein



Catalog Number: 504118

General Information

Gene Name Synonym

Alpha platelet-derived growth factor receptor;
Alpha-type platelet-derived growth factor receptor

Protein Construction

A DNA sequence encoding the rat PDGFRA (G3V6A0) (Met1-Glu523) was expressed with the Fc region of human IgG1 at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Purity

(96.6±2.8) % 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 24

Molecular Mass

The recombinant rat PDGFRA/Fc is a disulfide-

linked homodimer. The reduced monomer comprises 741 amino acids and has a predicted molecular mass of 83.2 kDa. The apparent molecular mass of the protein is approximately 112-120 kDa 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

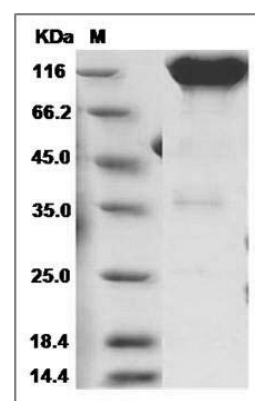
Storage

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



Rat PDGFRA / CD140a Protein (Fc Tag) SDS-PAGE