

Human PDGF-B Protein (His Tag)

Catalog Number: 10572-H07Y



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

c-sis; IBGC5; PDGF-2; PDGF2; SIS; SSV

Protein Construction:

A DNA sequence encoding the human PDGFB (NP_148937.1) (Ser82-Thr190) was expressed with a polyhistidine tag at the N-terminus.

Source: Human

Expression Host: Yeast

QC Testing

Purity: > 95 % as determined by SDS-PAGE.

Bio Activity:

1.Measured by its binding ability in a functional ELISA. 2.Immobilized human PDGFB (Cat:10572-H07Y) at 10µg/mL (100µL/well) can bind human PDGFRβ-Fch(Cat:10514-H03H), the EC₅₀ of human PDGFRβ-Fch is 0.05-0.2 µg/mL.

Endotoxin:

Please contact us for more information.

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: His

Molecular Mass:

The recombinant human PDGFB consists of 124 amino acids and predicts a molecular mass of 14.3 kDa.

Formulation:

Lyophilized from sterile PBS, 25 % Glycerol, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

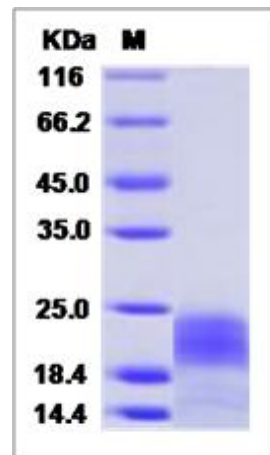
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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