

Human PDGF-C (His Tag) recombinant protein



Catalog Number: 501638

General Information

Gene Name Synonym

Fallotein; Spinal cord-derived growth factor; VEGF-E; Platelet-derived growth factor C, latent form; Platelet-derived growth factor C, receptor-binding form

Protein Construction

A DNA sequence encoding the mature form of human PDGF-C (NP_057289.1) (Val 235-Gly 345) was fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 84 % 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

Ala 18

Molecular Mass

The recombinant human PDGF-C consists of 121 amino acids and predicts a molecular mass of 13.8 kDa. It migrates as an approximately 20 KDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.0, 10% gly

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

Usage Guide

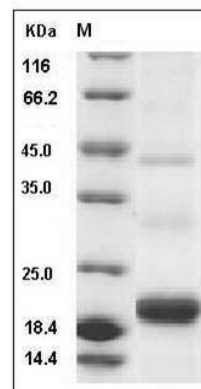
Storage

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 PDGF-C / SCDGF Protein (His Tag) SDS-PAGE