Canine PDGFA / PDGF-A Protein (Fc Tag)

Catalog Number: 70052-D01H

Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Name Synonym:

PDGFA, PDGF-A

Protein Construction:

A DNA sequence encoding the canine PDGFA (NP_001177101.1) (Ser87-Arg196) was expressed with the Fc region of human IgG1 at the N-terminus.

Source: Canine

Expression Host: Human Cells

QC Testing

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

Bio-Activity:

Measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts. The ED50 for this effect is typically 1-6 ng/mL.

Endotoxin:

< 1.0 EU per μg protein as determined by the LAL method.

Stability:

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

Predicted N terminal: Glu

Molecular Mass:

The recombinant canine PDGFA consists 370 amino acids and predicts a molecular mass of 41 kDa.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

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

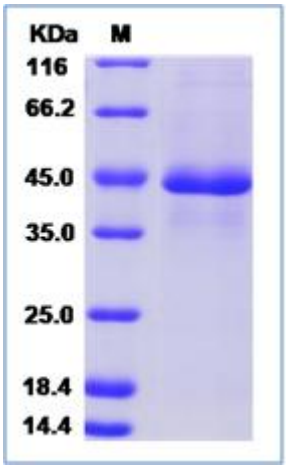
Usage Guide

Storage:

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

Avoid repeated freeze-thaw cycles.

SDS-PAGE:



Reconstitution:

Detailed reconstitution instructions are sent along with the products.