

# Canine PDGFA / PDGF-A Protein (Fc Tag)

Catalog Number: 70052-D01H



Sino Biological  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

PDGFA

### 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:** HEK293 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 ED<sub>50</sub> for this effect is typically 5-25 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 °C

**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, 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:

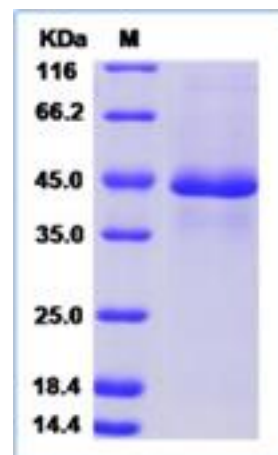
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



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