

# Canine PDGFA/PDGF-1 (Fc Tag) recombinant protein



Catalog Number: 500442

## General Information

### 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.

### Organism

Canine

### Expression Host

Human Cells

## QC Testing

### Activity

Measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts. The ED<sub>50</sub> for this effect is typically 1-6 ng/mL.

### Purity

> 95 % as determined by SDS-PAGE.

### 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.

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

## Usage Guide

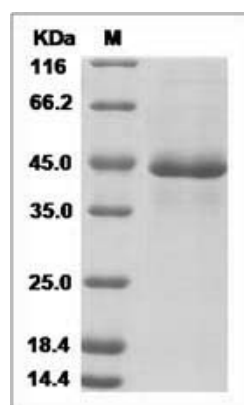
### Storage

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



Canine PDGFA / PDGF-A Protein (Fc Tag) SDS-PAGE