Active Recombinant Canine PDGFA protein(Ser87-Arg196), hFc-tagged

Cat. No. PDGFA-1044C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine PDGFA (NP_001177101.1) (Ser87-Arg196) was expressed in HEK293 with the Fc region of Human IgG1 at the N-terminus.
Species	Canine
Source	HEK293
ProteinLength	Ser87-Arg196
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in a cell prolifeRation assay using BALB/c 3T3 mouse fibroblasts. The ED50 for this effect is typically 5-25 ng/mL.
Molecular Mass	The recombinant Canine PDGFA consists 370 amino acids and predicts a molecular mass of 41 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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