

Active Recombinant Cynomolgus PDGFC Protein, Fc-tagged

Cat. No. PDGFC-1174C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant cynomolgus PDGFC (EHH54037.1) (Val235-Gly345) was expressed with the Fc region of human IgG1 at the N-terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	235-345 a.a.
Predicted N Terminal	Glu
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Bio-activity	Measured in a cell proliferation assay using Balb/c 3T3 mouse embryonic fibroblasts. The ED50 for this effect is typically 60-300 ng/ml.
Molecular Mass	The recombinant cynomolgus PDGFC comprises 371 amino acids and has a calculated molecular mass of 40.9 KDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein 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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name PDGFC platelet derived growth factor C [*Macaca fascicularis*]

Official Symbol PDGFC

Synonyms platelet derived growth factor C

Gene ID 102132043

mRNA Refseq

Protein Refseq

MIM

UniProt ID

Chromosome Location chromosome: 5

Pathway Choline metabolism in cancer, organism-specific biosystem; Gap junction, organism-specific biosystem; Phospholipase D signaling pathway, organism-specific biosystem

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