

Active Recombinant Rat Pdgfa&Pdgfb

Cat. No. Pdgfa&Pdgfb-216R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pdgfa&Pdgfb (Accession # AAB59693.1 (A chain) & Q05028.1 (B chain)) was produced in E. coli-derived.
Species	Rat
Source	E.coli
Predicted N Terminal	Ser87 (A chain) & Ser74 (B chain)
Form	Lyophilized from a 0.2 µ filtered solution in Acetonitrile and Ammonium Acetate.
Bio-activity	Measured in a cell proliferation assay using NR6R-3T3 mouse fibroblast cells. Raines, E.W. et al. (1985) Methods Enzymol. 10 ⁹ :749. The ED50 for this effect is typically 1 - 3 ng/mL.
Molecular Mass	Recombinant Rat Pdgfa&Pdgfb has a calculated MW of 24.8 kDa.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

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Gene Name	Pdgfa platelet-derived growth factor alpha polypeptide [Rattus norvegicus]
Official Symbol	Pdgfa
Synonyms	PDGFA; platelet-derived growth factor alpha polypeptide; platelet-derived growth factor subunit A; PDGF-1; PDGF subunit A; platelet derived growth factor, alpha; Platelet-derived growth factor A chain; PDGFACP;
Gene ID	25266
mRNA Refseq	NM_012801
Protein Refseq	NP_036933
MIM	

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