

Active Recombinant Rat Pdgfa

Cat. No. Pdgfa-215R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pdgfa (Accession # AAB59693.1) Ser87-Arg196 was produced in E. coli-derived.
Species	Rat
Source	E.coli
ProteinLength	87-196 a.a.
Predicted N Terminal	Ser87
Form	Lyophilized from a 0.2 µm filtered solution in Acetonitrile and TFA.
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 3 - 9 ng/mL.
Molecular Mass	Recombinant Rat Pdgfa has a calculated MW of 12.5 kDa (monomer).
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).

 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

GENE INFORMATION

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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