

Recombinant Rat Pdgfra, His tagged

Cat. No. Pdgfra-52R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pdgfra (NP_036934.1) (Met1-Glu523), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Species	Rat
Source	Human Cells
ProteinLength	1-523 a.a.
Predicted N Terminal	Leu 24
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant rat PDGFRA comprises 511 amino acids and predicts a molecular mass of 57.6 kDa. The apparent molecular mass of the recombinant protein is approximately 70-110 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Pdgfra platelet derived growth factor receptor, alpha polypeptide [Rattus norvegicus]

Official Symbol Pdgfra

Gene ID 25267

mRNA Refseq NM_012802

Protein Refseq NP_036934

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