Recombinant Rat Pdgfb protein, His & GST-tagged

Cat. No. Pdgfb-639R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pdgfb aa. (Cys5~Lys225 (Accession # Q05028)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Cys5~Lys225
Description	May play a role in carotid artery smooth muscle cell proliferation and neointimal formation in response to balloon catheter injury.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 57.1kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.7.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

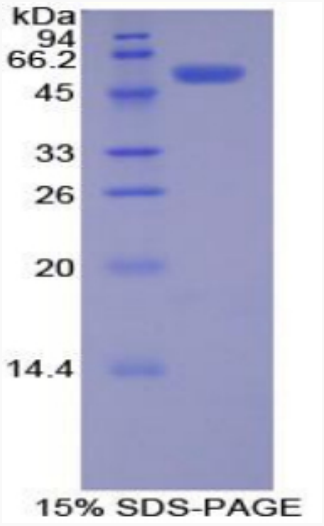
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	accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Pdgfb platelet derived growth factor subunit B [Rattus norvegicus (Norway rat)]
Official Symbol	Pdgfb
Synonyms	Pdgfb; platelet derived growth factor subunit B; SIS; c-sis; platelet-derived growth factor subunit B; PDGF subunit B; PDGF-2; Platelet-derived growth factor, same as Sis (Simian sarcoma viral oncogene homologue, c-sis); pdgf protein; platelet derived growth factor, B polypeptide; platelet-derived growth factor B chain; platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog)
Gene ID	24628
mRNA Refseq	NM_031524.1
Protein Refseq	NP_113712.1
UniProt ID	Q05028

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SDS-PAGE	

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