

Recombinant Rat Pgf protein

Cat. No. Pgf-766R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pgf aa. (Ala24~Leu158 (Accession # Q63434)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	24-158 a.a.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.7.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by 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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
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Storage buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
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Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
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GENE INFORMATION

Gene Name	Pgf placental growth factor [Rattus norvegicus (Norway rat)]
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Official Symbol	Pgf
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Synonyms	Plgf; placenta growth factor
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Gene ID	94203
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mRNA Refseq	NM_053595.2
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Protein Refseq	NP_446047.1
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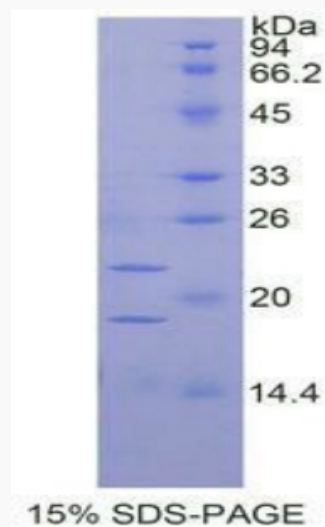
UniProt ID	Q63434
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SDS-PAGE



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