

Recombinant Mouse Pgf protein(Met1-Pro158), hFc-tagged

Cat. No. Pgf-874M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PGF (P49764) (Met 1-Pro 158) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Pro158
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse PGF/Fc is a disulfide-linked homodimer. The reduced monomer comprises 381 amino acids and has a calculated molecular mass of 42.9 kDa. As a result of glycosylation, the apparent molecular mass of the monomer is approximately 52 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 76 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Pgf placental growth factor [<i>Mus musculus</i>]
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Official Symbol	Pgf
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Synonyms	PGF; placental growth factor; placenta growth factor; PIGF; Plgf; AI854365;
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Gene ID	18654
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mRNA Refseq	NM_008827
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Protein Refseq	NP_032853
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