

Active Recombinant Mouse Pgf Protein

Cat. No. Pgf-7301M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse recombinant Placenta Growth Factor, aa. 135 / 132 without tag was expressed in insects cell.
Species	Mouse
Source	Insect Cells
Description	Broad expression in genital fat pad adult (RPKM 7.3), placenta adult (RPKM 3.2) and 15 other tissues.
Form	Lyophilized
Bio-activity	Measured by its ability to bind to immobilized rh-sFlt-1 in a functional ELISA. Recombinant mouse PIGF can bind to immobilized rh-sFlt-1 (100 ng/well) with a linear range at 0.5-10 ng/mL.
Molecular Mass	~ 40 kDa
AA Sequence	ALSAGNNSTEVEVVPFNEVWGRSYCRPMEKLVYILDEYPDEVSHIFSPSCVLLSRCS GCCGDEGLHCVPIKTANITMQILKIPPNRDPHFYVEMTFSQDVLCECRPILETTKAER RKTKGKRKRSRNQTEEPHP
N-terminal Sequence Analysis	ALSAGNNSTE and AGNNSTE

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Endotoxin	< 0.1 ng/μg of PIGF
Purity	> 95 % by SDS-PAGE and Silver staining
Stability	Shelf life: one year from despatch.
Storage	Store lyophilized at 2-8 centigrade for 6 months or at -20 centigrade long term. After reconstitution store the antibody undiluted at 2-8 centigrade for one month or (in aliquots) at -20 centigrade long term. Avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris, 75 mM NaCl, pH 8.5
Reconstitution	PIGF is supplied in lyophilized form with carrier-protein (BSA) and can be reconstituted with 50 mM Acetic Acid or PBS/water. This solution can be diluted into other buffered solutions.

GENE INFORMATION

Gene Name	Pgf placental growth factor [<i>Mus musculus</i> (house mouse)]
Official Symbol	Pgf
Synonyms	Pgf; placental growth factor; PI; PL; PIGF; Plgf; AI854365; placenta growth factor
Gene ID	18654
mRNA Refseq	NM_001271705
Protein Refseq	NP_001258634

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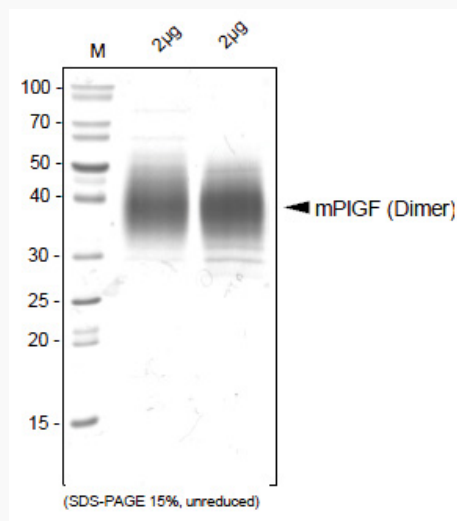
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UniProt ID

Q544A5

SDS-PAGE



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