

## Active Recombinant Mouse Pgf Protein

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

### SPECIFICATION

<b>Product Overview</b>	Mouse recombinant Placenta Growth Factor, aa. 135 / 132 without tag was expressed in insects cell.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>Description</b>	Broad expression in genital fat pad adult (RPKM 7.3), placenta adult (RPKM 3.2) and 15 other tissues.
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	~ 40 kDa
<b>AA Sequence</b>	ALSAGNNSTEVEVVPFNEVWGRSYCRPMEKLVYILDEYPDEVSHIFSPSCVLLSRCS GCCGDEGLHCVPIKTANITMQILKIPPNRDPHFYVEMTFSQDVLCECRPILETTKAER RKTGKRKRSRNQTEEPHP
<b>N-terminal Sequence Analysis</b>	ALSAGNNSTE and AGNNSTE

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Endotoxin</b>	< 0.1 ng/μg of PIGF
<b>Purity</b>	> 95 % by SDS-PAGE and Silver staining
<b>Stability</b>	Shelf life: one year from despatch.
<b>Storage</b>	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.
<b>Storage Buffer</b>	25 mM Tris, 75 mM NaCl, pH 8.5
<b>Reconstitution</b>	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

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

 Tel: 1-631-559-9269 1-516-512-3133

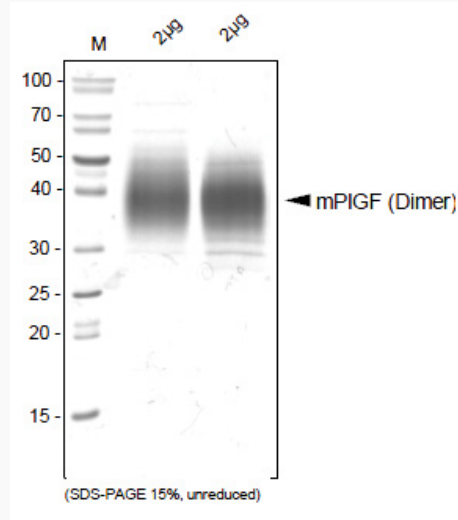
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q544A5

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA