

PLGF, murine recombinant protein
Placenta Growth Factor
Catalog # PBV10393r**Specification**

PLGF, murine recombinant protein - Product info

Primary Accession [P49764](#)
Calculated MW **32.6 kDa** KDa

PLGF, murine recombinant protein - Additional Info

Gene ID **18654**
Gene Symbol **PGF**
Other Names
Placenta Growth Factor

Gene Source **Mouse**
Source **E. coli**
Assay&Purity **SDS-PAGE; ≥95%**
Assay2&Purity2 **HPLC; ≥95%**
Recombinant **Yes**
Results **0.5-10 ng/ml**

Application Notes

Reconstitute the protein in sterile 20 mM acetic acid to a concentration of 0.1-1.0 µg/ µl. The solution can then be diluted into other aqueous buffer

Format

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized with no additives

PLGF, murine recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PLGF, murine recombinant protein - Images**PLGF, murine recombinant protein - Background**

PLGF (also called Placenta Growth Factor, PIGF, PGF) is an angiogenic factor that belongs to the cysteine-knot superfamily of growth factors. PLGF is expressed in placental tissues, colon and mammary carcinomas. It signals through the VEGFR-1/FLT1 receptor and stimulates endothelial cell proliferation and migration. Recombinant mouse PLGF is a disulfide-linked homodimer containing two 142 amino acid polypeptide chains.

PLGF, murine recombinant protein - References

Dipalma T.,et al.Mamm. Genome 7:6-12(1996).
Achen M.G.,et al.Growth Factors 15:69-80(1997).