

**PDGF-AA, murine recombinant protein**

Glioma-derived growth factor, GDGF, Osteosarcoma-derived Growth Factor, ODGF, PDGF-AA, PDGF-1.

Catalog # PBV10276r

**Specification**

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**PDGF-AA, murine recombinant protein - Product info**

Primary Accession

[P20033](#)

Calculated MW

**28.9 kDa** KDa

**PDGF-AA, murine recombinant protein - Additional Info**

Gene ID

**18590**

Gene Symbol

**PDGFA**

**Other Names**

Glioma-derived growth factor, GDGF, Osteosarcoma-derived Growth Factor, ODGF, PDGF-AA, PDGF-1, Alpha platelet-derived growth factor receptor, CD140 antigen-like family member A, CD140a antigen, Platelet-derived growth factor alpha receptor

Gene Source

**Mouse**

Source

**E. coli**

Assay&Purity

**SDS-PAGE; ≥97%**

Assay2&Purity2

**HPLC; ≥97%**

Recombinant

**Yes**

**Target/Specificity**

PDGF-AA

**Application Notes**

When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile H<sub>2</sub>O to a concentration of 0.1-0.5 mg/ml, which can be further diluted into other aqueous solutions.

**Format**

Lyophilized protein

**Storage**

-20°C; Lyophilized with no additives

**PDGF-AA, 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](#)

**PDGF-AA, murine recombinant protein - Images****PDGF-AA, murine recombinant protein - Background**

Recombinant Mouse Platelet Derived Growth Factor-AA is a disulfide linked dimer comprised of 2 polypeptide chains of 126 amino acids each, with a dimeric molecular weight of 28.9 kDa. Belonging to a family of PDGF's including PDGF-AA, PDGF-BB and PDGF-AB, they play an important role as a mitogen for a number of cell types. Recombinant Mouse PDGF-AA produced in E.Coli is a non-glycosylated homodimer.

**PDGF-AA, murine recombinant protein - References**

Rorsman F.,et al.Growth Factors 6:303-313(1992).  
Mercola M.,et al.Dev. Biol. 138:114-122(1990).  
Bostrom H.,et al.Cell 85:863-873(1996).  
Lindahl P.,et al.Development 124:3943-3953(1997).  
Fruttiger M.,et al.Development 126:457-467(1999).