

PDGF-AA, murine recombinant protein

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

Catalog # PBV10276r

Specification

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 H₂O 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).