

Periostin/OSF-2, murine recombinant protein
OSF-2, Periostin, Osteoblast Specific Factor 2, PN OSF-2, PDLPOSTN, POSTN, MGC119510, MGC119511, PN, Catalog # PBV10174r

Specification

Periostin/OSF-2, murine recombinant protein - Product info

Primary Accession [Q62009](#)
Calculated MW **85 kDa KDa**

Periostin/OSF-2, murine recombinant protein - Additional Info

Gene ID **50706**
Gene Symbol **POSTN**
Other Names
OSF-2, Periostin, Osteoblast Specific Factor 2, PN OSF-2, PDLPOSTN, POSTN, MGC119510, MGC119511, PN, RP11-412K4.1.

Gene Source **Mouse**
Source **CHO cells**
Assay&Purity **SDS-PAGE; ≥95%**
Assay2&Purity2 **HPLC; ≥95%**
Recombinant **Yes**
Target/Specificity
Periostin/OSF-2

Application Notes

Reconstitute with 100 µl sterile water (concentration of 0.1 mg/ml after reconstitution)

Format

Lyophilized protein

Storage

-20°C; Solid (Lyophilized from PBS)

Periostin/OSF-2, 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](#)

Periostin/OSF-2, murine recombinant protein - Images

Periostin/OSF-2, murine recombinant protein - Background

Periostin was originally isolated as a osteoblast-specific factor that functions as a cell adhesion molecule for preosteoblasts and is thought to be involved in osteoblast recruitment, attachment and spreading. Additionally, periostin expression has previously been shown to be significantly increased by both transforming growth factor β 1 (TGF- β 1) and bone morphogenetic protein (BMP-2). Abnormal expression of periostin is also linked to angiogenesis and metastasis in epithelial tumors. BioVision's Mouse periostin (aa 24-783) (isoform 5) is fused at the C-terminus to a FLAG®-tag.

Periostin/OSF-2, murine recombinant protein - References

Takeshita S., et al. Biochem. J. 294:271-278(1993).
Carninci P., et al. Science 309:1559-1563(2005).
Horiuchi K., et al. J. Bone Miner. Res. 14:1239-1249(1999).
Sugiura T., et al. Protein Expr. Purif. 6:305-311(1995).
Kruzynska-Frejtag A., et al. Mech. Dev. 103:183-188(2001).