

PF-4/CXCL4, murine recombinant protein
Platelet Factor-4, CXCL4, Oncostatin A, Ironplact
Catalog # PBV10817r**Specification**

PF-4/CXCL4, murine recombinant protein - Product info

Primary Accession [O9Z126](#)
Calculated MW **10.3 kDa** KDa

PF-4/CXCL4, murine recombinant protein - Additional Info

Gene ID **56744**
Gene Symbol **CXCL4**
Other Names
Platelet Factor-4, CXCL4, Oncostatin A, Ironplact

Gene Source **Mouse**
Source **E. Coli**
Assay&Purity **SDS-PAGE; ≥98%**
Assay2&Purity2 **HPLC;**
Recombinant **Yes**
Sequence **VTSAGPEESD GDLSCVCVKT ISSGIHLKHI
TSLEVIKAGR HCAVPQLIAT LKNGRKICLD
RQAPLYKKVI KKILES**

Target/Specificity
CXCL4

Application Notes

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Format

Lyophilized powder

Storage

-20°C; Sterile filtered through a 0.2 micron filter. Lyophilized with no additives

PF-4/CXCL4, 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](#)

PF-4/CXCL4, murine recombinant protein - Images**PF-4/CXCL4, murine recombinant protein - Background**

PF-4 is a CXC chemokine that is expressed in megakaryocytes and stored in the α -granules of platelets. PF-4 is chemotactic towards neutrophils and monocytes and has been shown to inhibit angiogenesis. Recombinant murine PF-4 is an 8.2 kDa protein containing 76 amino acid residues, including the four highly conserved residues present in CXC chemokines.

PF-4/CXCL4, murine recombinant protein - References

Watanabe O., et al. J. Hum. Genet. 44:173-176(1999).

Zhang C., et al. Blood 98:610-617(2001).