

MIG/CXCL9, murine recombinant protein
Monokine Induced by Interferon- γ , CXCL9
Catalog # PBV10802r**Specification**

MIG/CXCL9, murine recombinant protein - Product info

Primary Accession [P18340](#)
Calculated MW **12.2 kDa** KDa

MIG/CXCL9, murine recombinant protein - Additional Info

Gene ID	17329
Gene Symbol	CXCL9
Other Names	
Monokine Induced by Interferon- γ , CXCL9	
Gene Source	Murine
Source	E. Coli
Assay&Purity	SDS-PAGE; $\geq 98\%$
Assay2&Purity2	HPLC;
Recombinant	Yes
Sequence	TLVIRNARCS CISTSRGTIH YKSLKDLKQF APSPNCNKTE IATLKNQDQ TCLDPDSANV KKLMKEWEKK INQKKKQKRG KKHQKNMKNR KPKTPQSRRR SRKTT

Target/Specificity
CXCL9

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 from 10 mM Acetic acid.

MIG/CXCL9, 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](#)

MIG/CXCL9, murine recombinant protein - Images**MIG/CXCL9, murine recombinant protein - Background**

MIG, a CXC chemokine, is produced by IFN- γ stimulated monocytes, macrophages and endothelial cells. It signals through the CXCR3 receptor. MIG selectively chemoattracts Th1 lymphocytes, and also exerts other activities including inhibition of tumor growth, angiogenesis, and inhibition of colony formation of hematopoietic progenitors. Human MIG is active on murine cells. Recombinant murine MIG is a 12.2 kDa protein containing 105 amino acid residues, including the four highly conserved cysteine residues present in CXC chemokines.

MIG/CXCL9, murine recombinant protein - References

Farber J.M., et al. Proc. Natl. Acad. Sci. U.S.A. 87:5238-5242(1990).
Carninci P., et al. Science 309:1559-1563(2005).
Ebert L., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Church D.M., et al. PLoS Biol. 7:E1000112-E1000112(2009).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.