

MIP-1 γ /CCL9/10, murine recombinant protein
Macrophage Inflammatory Protein-1 γ , CCL9/10, MRP2, CCF18
Catalog # PBV10804r**Specification**

MIP-1 γ /CCL9/10, murine recombinant protein - Product info

Primary Accession [P51670](#)
Calculated MW **7.8 kDa** KDa

MIP-1 γ /CCL9/10, murine recombinant protein - Additional Info

Gene ID	20308
Gene Symbol	CCL9
Other Names	
Macrophage Inflammatory Protein-1 γ , CCL9/10, MRP2, CCF18	
Gene Source	Murine
Source	E. Coli
Assay&Purity	SDS-PAGE; $\geq$98%
Assay2&Purity2	HPLC;
Recombinant	Yes
Sequence	QITHATETKE VQSSLKAQQG LEIEMFHMGF QDSSDCCLSY NSRIQCSRFI GYFPTSGGCT RPGIIFISKR GFQVCANPSD RRVQRCIERL EQNSQPRTYK Q

Target/Specificity
CCL9

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.

MIP-1 γ /CCL9/10, 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](#)

MIP-1 γ /CCL9/10, murine recombinant protein - Images**MIP-1 γ /CCL9/10, murine recombinant protein - Background**

MIP-1 γ is a CC chemokine found in murine blood and a wide variety of murine tissues, with no known human homolog. MIP-1 γ signals through the CCR1 receptor. MIP-1 γ chemoattracts neutrophils and also inhibits colony formation of bone marrow myeloid immature progenitors. MIP-1 γ contains six cysteines including the four highly conserved cysteine residues present in CC chemokines. Recombinant murine MIP-1 γ is an 11.6 kDa protein containing 101 amino acid residues.

MIP-1 γ /CCL9/10, murine recombinant protein - References

Poltorak A.N., et al. J. Inflamm. 45:207-219(1995).
Youn B.-S., et al. J. Immunol. 155:2661-2667(1995).
Hara T., et al. J. Immunol. 155:5352-5358(1995).
Teuscher C., et al. J. Immunol. 163:2262-2266(1999).
Nomiya H., et al. Submitted (NOV-2000) to the EMBL/GenBank/DDBJ databases.