

MIP-1 γ /CCL9/10, murine recombinant

CATALOG #:	7174-10	10 μ g
	7174-50	50 μ g
ALTERNATE NAMES:	Macrophage Inflammatory Protein-1 γ , CCL9/10, MRP2, CCF18	
SOURCE:	E. Coli	
PURITY:	\geq 98% by SDS-PAGE gel and HPLC analyses	
MOL. WEIGHT:	7.8 kDa	
ENDOTOXIN LEVEL:	< 0.1 ng/ μ g of protein (<1EU/ μ g).	
FORM:	Lyophilized	
FORMULATION:	Sterile filtered through a 0.2 micron filter. Lyophilized with no additives.	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.	

RECONSTITUTION:

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.

DESCRIPTION:

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.

BIOLOGICAL ACTIVITY:

Determined by its ability to chemoattract human monocytes using a concentration range of 1.0-10.0 ng/ml.

AMINO ACID SEQUENCE:

QITHATETKE VQSSLKAQQG LEIEMFHMGF QDSSDCCLSY NSRIQCSRFI
GYFPTSGGCT RPIIIFISKR GFQVCANPSD RRVQRCIERL EQNSQPRTYK Q

RELATED PRODUCTS:

- MEC/CCL28, human recombinant (**Cat # 7170-10, -50**)
- MEC/CCL28, murine recombinant (**Cat # 7171-10, -50**)
- MIP-1 α /CCL3, human recombinant (**Cat # 7173-10, -50**)
- MIP-3/CCL23, human recombinant (**Cat # 7175-10, -50**)
- MDC, human recombinant (**Cat # 4617-20, -100, -1000**)
- MCP-1 (MCAF), human recombinant (**Cat # 4222-20, -100, -1000**)
- MCP-1 (MCAF), rat recombinant (**Cat # 4224-10, -1000**)
- MCP-2, human recombinant (**Cat # 4225-10, -1000**)
- MCP-2, murine recombinant (**Cat # 4226-10, -1000**)
- MCP-3, human recombinant (**Cat # 4228-10, -1000**)
- MCP-3, murine recombinant (**Cat # 4229-10, -1000**)
- MCP-4, human recombinant (**Cat # 4231-10, -1000**)

FOR RESEARCH USE ONLY! Not to be used in humans.