



Recombinant Mouse MIP-1 gamma (CCL9/10)

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	M10-036S
Size:	5 µg
Lot. No.:	According to product label

Scientific Background

Gene-ID (NCBI):	20308
Synonyms:	Ccl9; CCF18; MRP-2; Scya9; Scya10

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.

Sequence

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QITHATETKE VQSSLKAQQG LEIEMFHMGE QDSSDCCLSY  
NSRIQCSRFI GYFPTSGGCT RPIIIFISKR GFQVCANPSD  
RRVQRCIERL EQNSQPRTYK Q
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Database References

Protein RefSeq:	NP_035468.1
Uniprot ID:	P51670
mRNA RefSeq:	NM_011338.2

Product Specifications

Expressed in	E. coli
Purity	> 98% by SDS-PAGE & HPLC analyses
Endotoxin level	< 0.1 ng /µg of protein (<1EU/µg).
Formulation	lyophilized
Length (aa):	101
MW:	11.6 kDa

Biological Activity: Determined by its ability to chemoattract human neutrophils using a concentration range of 0.1-10.0 ng/ml.



AVOID REPEATED FREEZE AND THAW CYCLES!