



Recombinant Mouse MIP-3 alpha (CCL20)

20150227BB



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Cat.-no.:	M10-100S
Size:	5 µg
Lot. No.:	According to product label

Sequence

ASNYDCCLSY IQTPLPSRAI VGFTRQMADE ACDINAIIFH
TKKRKSVCAD PKQNWVKRAV NLLSLRVKKM

Database References

Protein RefSeq:	NP_004582.1
Uniprot ID:	P78556
mRNA RefSeq:	NM_004591

Scientific Background

Gene-ID (NCBI):	20297
Synonyms:	Ccl20; CKb4; LARC; ST38; MIP3A; MIP-3A; Scya20; MIP-3[a]; exodus-1

MIP-3 α is a CC chemokine that is expressed in the liver, lymph nodes, appendix, PBL and lung and signals through the CCR6 receptor. MIP-3 α is chemotactic towards lymphocytes and dendritic cells. Additionally, it promotes the adhesion of memory CD4+ T cells and inhibits colony formation of bone marrow myeloid immature progenitors. Recombinant mouse MIP-3 α is a 7.9 kDa protein containing 70 amino acid residues, including the four highly conserved cysteine residues present in CC chemokines.

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):	70
MW:	7.9 kDa

Biological Activity: Determined by its ability to chemoattract murine CCR6 transfected HEK/293 cells using a concentration range of 0.1-10.0 ng/ml



AVOID REPEATED FREEZE AND THAW CYCLES!