



Recombinant Mouse MIP-3 beta (CCL19)

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	M10-079S
Size:	5 µg
Lot. No.:	According to product label

Sequence

GANDAEDCCL SVTQRPIPGN IVKAFRYLLN EDGCRVFAVV
FTTLRGYQLC APPDQPWDR IIRRLKKSSA KNKGNSTRRS PVS

Database References

Protein RefSeq:	NP_036018.1
Uniprot ID:	O70460
mRNA RefSeq:	NM_011888

Scientific Background

Gene-ID (NCBI):	24047
Synonyms:	Ccl19; ELC; CKb11; MIP3B; Scya19; exodus-3

MIP-3β is a CC chemokine that is expressed in the thymus, lymph nodes and in activated bone marrow stromal cells and signals through the CCR7 receptor. MIP-3β is a chemoattractant for T and B lymphocytes and myeloid progenitor cells. Human MIP-3β is active on murine cells. Mouse urine MIP-3β is a 9.2 kDa protein containing 83 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):	83
MW:	9.2 kDa

Biological Activity: Determined by its ability to chemoattract human mature dendritic cells using a concentration range of 10.0-100.0 ng/ml.



AVOID REPEATED FREEZE AND THAW CYCLES!