



Recombinant Human MIP-3 beta (CCL19)

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	100-079S
Size:	5 µg
Lot. No.:	According to product label

Sequence

GTNDAEDCCL SVTQKPIPGY IVRNHFHYLLI KDGCRRVFAVV
FTTLRGRQLC APPDQPWVER IIQRLQRTSA KMKRRSS

Database References

Protein RefSeq:	NP_006265
Uniprot ID:	Q99731
mRNA RefSeq:	NM_006274

Scientific Background

Gene-ID (NCBI):	6363
Synonyms:	CCL19; ELC; CKb11; MIP3B; MIP-3b; SCYA19

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. Recombinant human MIP-3β is an 8.8 kDa protein containing 77 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):	77
MW:	8.8 kDa

Biological Activity: Determined by its ability to chemoattract human T cells using a concentration of 10.0-50.0 ng/ml.



AVOID REPEATED FREEZE AND THAW CYCLES!