



## Recombinant Human MIP-3 beta (CCL19)

20150227BB



**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

<b>Cat.-no.:</b>	<b>100-079</b>
Size:	20 µg
Lot. No.:	According to product label

### Sequence

GTNDAEDCCL SVTQKPIPGY IVRNHFHYLLI KDGC RVFAVV  
FTTLRGRQLC APPDQPWVER IIQRLQRTSA KMKRRSS

### Database References

<b>Protein RefSeq:</b>	NP_006265
<b>Uniprot ID:</b>	Q99731
<b>mRNA RefSeq:</b>	NM_006274

## Scientific Background

<b>Gene-ID (NCBI):</b>	6363
<b>Synonyms:</b>	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

<b>Expressed in</b>	E. coli
<b>Purity</b>	> 98% by SDS-PAGE & HPLC analyses
<b>Endotoxin level</b>	< 0.1 ng /µg of protein (<1EU/µg).
<b>Formulation</b>	lyophilized
<b>Length (aa):</b>	77
<b>MW:</b>	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!**