



Recombinant Human MIP-3 alpha (CCL20)

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	100-078
Size:	20 µg
Lot. No.:	According to product label

Sequence

ASNFDCCLGY TDRILHPKFI VGFTRQLANE GCDINAIIFH
TKKKLSVCAN PKQTWVKYIV RLLSKVKNM

Database References

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

Scientific Background

Gene-ID (NCBI):	6363
Synonyms:	CKb4; LARC; ST38; MIP3A; MIP-3a; SCYA20; MIP-3-alpha

MIP-3 alpha is a CC chemokine that is expressed in the liver, lymph nodes, appendix, PBL and lung and can signal through the CCR6 receptor. MIP-3 alpha 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 human MIP-3 alpha is an 8.0 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:	8.0 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!