Recombinant Human MIP-3 (CCL23)

20150227BB

FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	**100-075**
Size:	20 µg
Lot. No.:	According to product label

Scientific Background

Gene-ID (NCBI):	*6368*
Synonyms:	CCL23; CKb8; MIP3; Ckb-8; MIP-3; MPIF-1; SCYA23; Ckb-8-1; CK-BETA-8

MIP-3 is a CC chemokine that signals through the CCR1 receptor. MIP-3 chemoattracts monocytes, resting T-lymphocytes and neutrophils, but does not chemoattract activated lymphocytes. Additionally, MIP-3 has been shown to inhibit colony formation of bone marrow myeloid immature progenitors. Recombinant human MIP-3 is an 11.3 kDa protein containing 99 amino acid residues, including the four highly conserved cysteine residues present in CC chemokines.

Sequence

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RVT KDAETEF MMSKLPLENP VLLDRFHATS ADCCISYTPR
SIPCSLLESY FETNSECSKP GVIFLTKKGR RFCANPSDKQ
VQVCMRMLKL DTRIKTRKN
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Database References

Protein RefSeq:	NP_005055
Uniprot ID:	P55773
mRNA RefSeq:	NM_005064

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):	99
MW:	11 kDa

Biological Activity: Determined by its ability to chemoattract human T cell population using a concentration of 10-50 ng/ml.

AVOID REPEATED FREEZE AND THAW CYCLES!

ReliaTech GmbH
Phone: +49 (0)5331 8586 987 • Fax: +49 (0)5331 8586 989 • E-mail: orders@reliatech.de • web: www.reliatech.de
Location: Lindener Str. 15, 38300 Wolfenbüttel, Germany