

CCL23/Ck beta 8-1, human recombinant protein
G0/G1 switch regulatory protein 19-1, Macrophage inflammatory protein 1-alpha,
MIP-1-alpha, PAT 464.
Catalog # PBV10207r

Specification

CCL23/Ck beta 8-1, human recombinant protein - Product info

Primary Accession [P10147](#)
Calculated MW ~11.5 kDa KDa

CCL23/Ck beta 8-1, human recombinant protein - Additional Info

Gene ID	6348
Gene Symbol	CCL3
Other Names	
C-C motif chemokine 23, CK-beta-8, CKB-8, Macrophage inflammatory protein 3, MIP-3, Myeloid progenitor inhibitory factor 1, MPIF-1, Small-inducible cytokine A23, CCL23 (19-99), CCL23 (22-99), CCL23 (27-99), CCL23 (30-99)	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	HPLC; ≥98%
Recombinant	Yes
Results	0.2-0.5 µg/ml
Sequence	Recombinant Human CCL23 produced in E. coli is a single, non-glycosylated, polypeptide chain containing 100 amino acids with an extra N-terminal Met and having a molecular mass of 11.5 kDa. The sequence of the first five N-terminal amino acids was determined and was found to be Met-Arg-Val-Thr-Lys.

Target/Specificity
CCL-23

Application Notes

Dissolve in 1x PBS (It is not recommended to reconstitute to a final concentration less than 100 µg/ml.). This can further be diluted to other aqueous buffers.

Format

Lyophilized protein

Storage

-20°C; Lyophilized from a 0.2 µm filtered solution of 20 mM PB and 250 mM NaCl, pH 7.2.

CCL23/Ck beta 8-1, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CCL23/Ck beta 8-1, human recombinant protein - Images

CCL23/Ck beta 8-1, human recombinant protein - Background

Human Chemokine (C-C motif) ligand 23 (CCL23) is a small cytokine belonging to the CC chemokine family. CCL23 is also known as myeloid progenitor inhibitory factor MPIF-1, CK8 and SCYA23. CCL23 cDNA encodes a 120 amino acid (aa) residue precursor protein with a putative 21 aa residue signal peptide that is cleaved to generate a 99 aa residue mature CCL23 (aa 22-120). Additional N-terminal Processing of the 99 aa residue variant can generate a 75 aa residue peptide (aa 46-120) that is significantly more active than the 99 aa residue variant. CCL23 binds to CCR1 with high affinity and has chemotactic activity for monocytes, dendritic cells, and osteoclast precursors. CCL23 enhances angiogenesis of endothelial cells, but reduces the proliferation of progenitor cells giving rise to granulocyte and monocyte lineages.

CCL23/Ck beta 8-1, human recombinant protein - References

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Zipfel P.F., et al. J. Immunol. 142:1582-1590(1989).
Blum S., et al. DNA Cell Biol. 9:589-602(1990).
Nakao M., et al. Mol. Cell. Biol. 10:3646-3658(1990).
Jang J.S., et al. Submitted (JAN-1998) to the EMBL/GenBank/DDBJ databases.