

Active Recombinant Human CCL23 Protein

Cat. No. CCL23-034H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human chemokine (C-C motif) ligand 23 (CCL23 / MIP1F-1)(Arg46-Asn120), transcript variant CKbeta8, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	46-120 a.a.
Description	This gene is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CC subfamily, displays chemotactic activity on resting T lymphocytes and monocytes, lower activity on neutrophils and no activity on activated T lymphocytes. The protein is also a strong suppressor of colony formation by a multipotential hematopoietic progenitor cell line. In addition, the product of this gene is a potent agonist of the chemokine (C-C motif) receptor 1. Alternative splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Jul 2013].
Bio-activity	Bioactivity was measured by its property to chemoattract THP-1 cells in a dose dependent manner.
Molecular Mass	8.5 kDa

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Endotoxin	Less than 0.01 ng per g protein as determined by the LAL method.
Purity	> 98% as determined by Coomassie stained SDS-PAGE.
Concentration	Protein formulated and vialled at >50 g/mL in specified buffer
Storage Buffer	1 x PBS

GENE INFORMATION

Gene Name	CCL23 chemokine (C-C motif) ligand 23 [Homo sapiens]
Official Symbol	CCL23
Synonyms	CCL23; chemokine (C-C motif) ligand 23; SCYA23, small inducible cytokine subfamily A (Cys Cys), member 23; C-C motif chemokine 23; Ckb 8; CKb8; MIP 3; MPIF 1; hmrp-2a; C6 beta-chemokine; small-inducible cytokine A23; macrophage inflammatory protein 3; myeloid progenitor inhibitory factor 1; small inducible cytokine subfamily A (Cys-Cys), member 23; MIP3; Ckb-8; MIP-3; MPIF-1; SCYA23; Ckb-8-1; CK-BETA-8;
Gene ID	6368
mRNA Refseq	NM_005064
Protein Refseq	NP_005055
MIM	602494
UniProt ID	P55773

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