

## Active Recombinant Human CCL23 Protein

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Human chemokine (C-C motif) ligand 23 (CCL23 / MIP1F-1)(Arg46-Asn120), transcript variant CKbeta8, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	46-120 a.a.
<b>Description</b>	<p>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].</p>
<b>Bio-activity</b>	Bioactivity was measured by its property to chemoattract THP-1 cells in a dose dependent manner.
<b>Molecular Mass</b>	8.5 kDa

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

## GENE INFORMATION

<b>Gene Name</b>	CCL23 chemokine (C-C motif) ligand 23 [ Homo sapiens ]
<b>Official Symbol</b>	CCL23
<b>Synonyms</b>	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;
<b>Gene ID</b>	6368
<b>mRNA Refseq</b>	NM_005064
<b>Protein Refseq</b>	NP_005055
<b>MIM</b>	602494
<b>UniProt ID</b>	P55773

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