

## Active Recombinant Human CCL23

**Cat. No.** CCL23-257H    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                                                                                    |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Human CCL23 (Accession # AAC63327) Met46-Asn137 was produced in E. coli-derived.                                                                                                                                                                                                       |
| <b>Species</b>              | Human                                                                                                                                                                                                                                                                                              |
| <b>Source</b>               | E.coli                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>        | 46-137 a.a.                                                                                                                                                                                                                                                                                        |
| <b>Predicted N Terminal</b> | Met46                                                                                                                                                                                                                                                                                              |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in Acetonitrile and TFA with BSA as a carrier protein.                                                                                                                                                                                                  |
| <b>Bio-activity</b>         | Measured by its ability to chemoattract THP-1 human acute monocytic leukemia cells. The ED50 for this effect is typically 0.01 - 0.04 µg/mL. Measured by its ability to chemoattract BaF3 mouse pro-B cells transfected with human CCR1. The ED50 for this effect is typically 0.002 - 0.01 µg/mL. |
| <b>Molecular Mass</b>       | Recombinant Human CCL23 has a calculated MW of 10.5 kDa.                                                                                                                                                                                                                                           |
| <b>Purity</b>               | >97%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                                                                                                                        |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3                                                                                                                      |

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months (-70°C).

**Reconstitution**

Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

## 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

**Chromosome  
Location**

17q11.2

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