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Datasheet for ABIN6952143

## CCL14 Protein (AA 28-93) (Biotin)

### 1 Image

#### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 100 µg                                      |
| Target:                       | CCL14                                       |
| Protein Characteristics:      | AA 28-93                                    |
| Origin:                       | Human                                       |
| Source:                       | Escherichia coli (E. coli)                  |
| Protein Type:                 | Recombinant                                 |
| Biological Activity:          | Active                                      |
| Purification tag / Conjugate: | This CCL14 protein is labelled with Biotin. |
| Application:                  | Cell Migration Assay (CMA)                  |

#### Product Details

|                              |  |
|------------------------------|--|
| Sequence:                    | GPYHPSECCF TYTTYKIPRQ RIMDYETNS QCSKPGIVFI TKRGHSVCTN PSDKWWQDYI<br>KDMKEN             |
| Characteristics:             | Biotinylated Recombinant Human CCL14 (HCC-1)   |
| Purity:                      | > 97 % by SDS PAGE   |
| Endotoxin Level:             | <0.01 EU per 1µg of the protein by the LAL method                                      |
| Biological Activity Comment: | EC50 = 0.2-0.4 nM determined by migration assay with cells expressing recombinant CCR1 |

#### Target Details

|         |       |
|---------|-------|
| Target: | CCL14 |
|---------|-------|

## Target Details

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Alternative Name: CCL14 (HCC-1) ([CCL14 Products](#))

Background: Hemofiltrate CC chemokine-1(HCC-1/CCL14) is endogeneously expressed by numerous tissues. Upon processing of the N terminal residues of the full length HCC-1 by the uPA-plasmin system, the active form of HCC-1 (made by ChemoTactics) is a strong agonist for CCR1, CCR5 and to a lesser extent CCR3, and causes chemotaxis of different types of leukocytes. The active form of HCC-1 is also shown as a potent inhibitor of HIV entry.

Molecular Weight: 10.220 kDa

UniProt: [Q16627](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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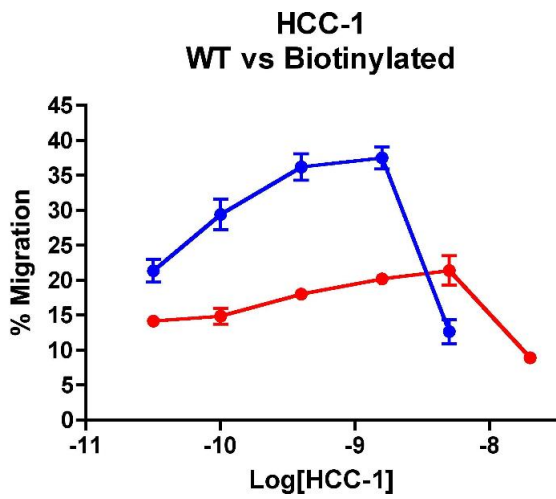
Format: Lyophilized

Reconstitution: Spin tube prior to resuspending. Recommended at 100 µg/mL in sterile water

Storage: -20 °C,-80 °C

Storage Comment: 12 months from date of receipt, -20 to -70 °C as supplied.  
Suggest to use immediately after reconstitution  
1 month at -20 to -70 °C under sterile conditions after reconstitution.

Expiry Date: 12 months



#### Cellular Assay

**Image 1.** Cells expressing recombinant CCR1 were assayed for migration through a transwell filter at various concentrations of WT or Biotinylated HCC-1. Responses are expressed as the % of total input cells (Blue: wild type; Red: biotinylated).