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Datasheet for ABIN2018263

**CCL23 Protein (AA 32-494, AA 495-728)**

## Overview

|                          |                       |
|--------------------------|-----------------------|
| Quantity:                | 50 µg                 |
| Target:                  | CCL23                 |
| Protein Characteristics: | AA 32-494, AA 495-728 |
| Origin:                  | Human                 |
| Source:                  | CHO Cells             |
| Protein Type:            | Recombinant           |
| Biological Activity:     | Active                |

## Product Details

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| Characteristics: | The EC50 value of human MPIF-1/CCL23 on Ca <sup>2+</sup> mobilization assay in CHO-K1/Ga15/hCCR1 cells (human Ga15 and human CCR1 stably expressed in CHO-K1 cells) is less than 2 µg/mL.<br>Alpha chain: AA 32-494, beta chain: AA 495-728 |
| Purity:          | > 98 % as analyzed by SDS-PAGE.   |
| Endotoxin Level: | < 0.2 EU/µg, determined by LAL method.  |

## Target Details

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| Target:           | CCL23  |
| Alternative Name: | MPIF-1/CCL23 ( <a href="#">CCL23 Products</a> )  |
| Background:       | Myeloid progenitor inhibitory factor 1 (MPIF-1), also known as Chemokine (C-C motif) ligand 23 (CCL23) is a small cytokine belonging to the CC chemokine family. MPIF-1 is predominantly expressed in lung and liver tissue, but is also found in bone marrow and placenta. It is also |

## Target Details

expressed in some cell lines of myeloid origin. It is highly chemotactic for resting T cells and monocytes and slightly chemotactic for neutrophils. MPIF-1 has been shown to inhibit colony formation of bone marrow myeloid immature progenitors. It has also been attributed to an inhibitory activity on hematopoietic progenitor cells. MPIF-1 is a ligand for the chemokine receptor CCR1. Recombinant human MPIF-1/CCL23 produced in CHO cells is a single polypeptide chain containing 99 amino acids. A fully biologically active molecule, rhMPIF-1/CCL23 has a molecular mass of 12 kDa analyzed by reducing SDS-PAGE.

Synonyms: MPIF-1/CCL23, Human

|                   |  |
|-------------------|--|
| Molecular Weight: | 12 kDa, observed by reducing SDS-PAGE. |
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## Application Details

|               |                       |
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| Restrictions: | For Research Use only |
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## Handling

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| Format: | Lyophilized |
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| Reconstitution: | Reconstituted in ddH <sub>2</sub> O or PBS at 100 µg/mL. |
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| Buffer: | Lyophilized after extensive dialysis against PBS. |
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| Storage: | -80 °C |
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| Storage Comment: | Lyophilized recombinant human MPIF-1/CCL23 remains stable up to 6 months at -80 °C from date of receipt. Upon reconstitution, human MPIF-1/CCL23 should be stable up to 1 week at 4 °C or up to 2 months at -20 °C. |
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|              |          |
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| Expiry Date: | 6 months |
|--------------|----------|