

CCL23
Catalog # PVGS1469**Specification**

CCL23 - Product Information

Primary Accession [P55773](#)
Species
Human

Sequence
RFHATSADCC ISYTPRSIPC SLLESYFETN SECSKPGVIF LTKKGRRFCA NPSDKQVQVC VRMLKLDTRI
KTRKN

Purity
> 95% as analyzed by SDS-PAGE.

Endotoxin Level
< 0.2 EU/ µg, determined by LAL method.

Formulation **Lyophilized after extensive dialysis against PBS.**

Reconstitution
Reconstituted in ddH₂O or PBS at 100 µg/ml.

CCL23 - Additional Information

Gene ID 6368

Other Names
C-C motif chemokine 23, CK-beta-8, CKB-8, Macrophage inflammatory protein 3, MIP-3, Myeloid progenitor inhibitory factor 1, MIPF-1, Small-inducible cytokine A23, CCL23(19-99), CCL23(22-99), CCL23(27-99), CCL23(30-99), CCL23, MIP3, MIPF1, SCYA23

Target Background
Myeloid progenitor inhibitory factor 1 (MIPF-1), also known as Chemokine (C-C motif) ligand 23 (CCL23) is a small cytokine belonging to the CC chemokine family. MIPF-1 is predominantly expressed in lung and liver tissue, but is also found in bone marrow and placenta. It is also expressed in some cell lines of myeloid origin. It is highly chemotactic for resting T cells and monocytes and slightly chemotactic for neutrophils. MIPF-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. MIPF-1 is a ligand for the chemokine receptor CCR1.
Recombinant human MIPF-1/CCL23 (aa46-120) produced in CHO cells is a single polypeptide chain containing 75 amino acids. A fully biologically active molecule, rhMIPF-1/CCL23 (aa46-120) has a molecular mass of 11.3 kDa analyzed by reducing SDS-PAGE and is obtained by chromatographic techniques at .

CCL23 - Protein Information

Name CCL23

Synonyms MIP3, MPIF1, SCYA23

Function

Shows chemotactic activity for monocytes, resting T- lymphocytes, and neutrophils, but not for activated lymphocytes. Inhibits proliferation of myeloid progenitor cells in colony formation assays. This protein can bind heparin. Binds CCR1. CCL23(19-99), CCL23(22-99), CCL23(27-99), CCL23(30-99) are more potent chemoattractants than CCL23.

Cellular Location

Secreted.

Tissue Location

High levels in adult lung, liver, skeletal muscle and pancreas. Moderate levels in fetal liver, adult bone marrow and placenta. The short form is the major species and the longer form was detected only in very low abundance. CCL23(19-99), CCL23(22-99), CCL23(27-99), CCL23(30-99) are found in high levels in synovial fluids from rheumatoid patients.

CCL23 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CCL23 - Images