

Human CCL23 / MIP 3 Protein (His Tag)

Catalog Number: 10655-H07E



Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Name Synonym:

CCL23, MIP3, MPIF1, SCYA23

Protein Construction:

A DNA sequence encoding the human CCL23 (AAB51134.1) (Arg22-Asn120) was expressed with a polyhistidine tag at the N-terminus.

Source: Human

Expression Host: E. coli

QC Testing

Purity: > 95 % as determined by SDS-PAGE

Endotoxin:

Please contact us for more information.

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: His

Molecular Mass:

The recombinant human CCL23 consists of 115 amino acids and predicts a molecular mass of 13.5 KDa. It migrates as an approximately 16-20 KDa band in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

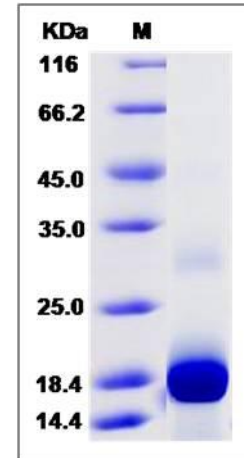
Usage Guide

Storage:

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

SDS-PAGE:



Reconstitution:

Detailed reconstitution instructions are sent along with the products.

Protein Description

CCL23, also known as MIP 3, is a small cytokine which belongs to the CC chemokine family. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. CCL23 is predominantly expressed in lung and liver tissue, but also can be detected in bone marrow and placenta. It displays chemotactic activity on resting T lymphocytes and monocytes, lower activity on neutrophils and no activity on activated T lymphocytes. CCL23 is also a strong suppressor of colony formation by a multipotential hematopoietic progenitor cell line.

References

1. Poposki JA. et al., 2011, J Allergy Clin Immunol. 128 (1): 73-81.
2. Matsumoto K. et al., 2011, Int Arch Allergy Immunol. 155 (1): 34-9.
3. Kim CS. et al., 2011, Inflamm Res. 60 (9): 889-95.

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