

Recombinant Mouse CCL22/MDC Protein

Catalog No.: RP01906

Sequence Information

Species **Gene ID**
Mouse 20299

Swiss Prot **Tags**
O88430 C-His

Synonyms

Ccl22, Abcd1, Scya22, C-C motif chemokine 22, Activated B and dendritic cell-derived, CC chemokine ABCD-1, Small-inducible cytokine A22

Product Information

Source **Purification**
Pichia ≥ 90% as determined by SDS-PAGE.

Calculated MW **Observed MW**
8.68 kDa 10–15 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from 0.22 μm filtered solution in PBS, 0.2 M Arginine, pH7.4. Normally 8% trehalose is added as protectant before lyophilization.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1–0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

CCL22 may play a role in the trafficking of activated/effector T-lymphocytes to inflammatory sites and other aspects of activated T-lymphocyte physiology. Also, it is a chemotactic for monocytes, dendritic cells and natural killer cells. CCL22 is a mild chemoattractant for primary activated T-lymphocytes and a potent chemoattractant for chronically activated T-lymphocytes but has no chemattractant activity for neutrophils, eosinophils, and resting T-lymphocytes.

Basic Information

Description

Recombinant Mouse CCL22/MDC Protein by Pichia expression system. The target protein is expressed with sequence (Gly25-Ser92) of Mouse CCL22 /MDC (Accession #NP_033163.1) fused with a His tag at the C-terminus..

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

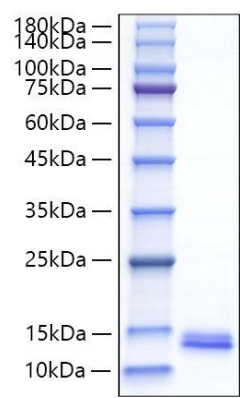
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Validation Data



Recombinant Mouse CCL22/MDC Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.