

## CCL22

### Recombinant Mouse CCL22/MDC

<b>Catalog No.</b>	CRM102A	<b>Quantity:</b>	5 µg
	CRM102B		20 µg
	CRM102C		1.0 mg

**Alternate Names:** DCBCK, ABCD-1, Scya22

**Description:** Recombinant Mouse CCL22/MDC is a single, non-glycosylated polypeptide chain containing 68 amino acids.  
 Background: CCL22/MDC is a CC chemokine that is produced in B cells, macrophages, monocyte-derived dendritic cells, activated NK cells and CD4 T cells. It signals through the CCR4 receptor. MDC chemoattracts monocytes, dendritic cells and NK cells and exerts HIV suppressive activity.

**Gene ID:** 20299

**Source:** *E. coli*

**Molecular Weight:** 7.8 kDa

**Formulation:** Lyophilized from a 0.2 µm filtered concentrated solution containing 20 mM PBS, pH 7.4, + 150 mM NaCl. No preservatives and carrier-free.

**Purity:** >97% by SDS-PAGE and HPLC analyses.

**Endotoxin Level:** <1 EU/µg of recombinant mouse MDC/CCL22 as determined by LAL method.

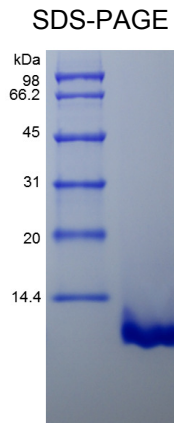
**Biological Activity:** Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human activated lymphocytes is in a concentration range of 10-100 ng/ml.

**Amino Acid Sequence:** GPYGANVEDS ICCQDYIRHP LPSRLVKEFF WTSKSCRKPG VVLITVKNRD  
 ICADPRQVWV KKLLHKLS

**Reconstitution:** **Centrifuge vial prior to opening.** Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml. Stock solutions should be divided into working aliquots and stored at -80°C. Further dilutions should be made in appropriate buffered solutions.

**Storage & Stability:** This lyophilized preparation is stable for several weeks at 2-4°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-4°C. For maximal stability, divide the reconstituted preparation into working aliquots and store at -80°C. **Avoid repeated freeze-thaw cycles.**





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