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MDC/CCL22, murine recombinant protein

Macrophage-Derived Chemokine, CCL22, STCP-1, ABCD-1
Catalog # PBV10799r

Specification

MDC/CCL22, murine recombinant protein - Product info

Primary Accession	O88430
Calculated MW	7.8 kDa KDa

MDC/CCL22, murine recombinant protein - Additional Info

Gene ID	20299
Gene Symbol	CCL22

Other Names
Macrophage-Derived Chemokine, CCL22, STCP-1, ABCD-1

Gene Source	Murine
Source	E. Coli
Assay&Purity	SDS-PAGE; ≥98%
Assay2&Purity2	HPLC;
Recombinant	Yes
Sequence	GPYGANVEDS ICCQDYIRHP LPSRLVKEFF WTSKSCRKPG VVLITVKNRD ICADPRQVWV KKLLHKLS

Target/Specificity
CCL22

Application Notes
Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Format
Lyophilized powder

Storage
-20°C; Sterile filtered through a 0.2 micron filter. Lyophilized with no additives.

MDC/CCL22, murine recombinant protein - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence

- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MDC/CCL22, murine recombinant protein - Images

MDC/CCL22, murine recombinant protein - Background

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. The 67 amino acid form of MDC displays reduced chemoattractant activity but retains HIV suppressive activity. Recombinant murine MDC is a 7.8 kDa protein containing 68 amino acid residues including the four highly conserved cysteine residues present in the CC chemokines.

MDC/CCL22, murine recombinant protein - References

Schaniel C.,et al.J. Exp. Med. 188:451-463(1998).