

TECHNICAL DATA SHEET

Recombinant Mouse CCL22 (MDC) (Carrier-free)

Catalog Number: 21-7020

RPx-Pro™ Recombinant Protein

PRODUCT INFORMATION

CONTENTS

Recombinant Mouse CCL22 (MDC) (Carrier-free)

DESCRIPTION

CCL22 is member of the CC family of chemokines that has chemotactic activity for monocytes, dendritic cells, NK cells and chronically activated T cells. CCL22 exerts its effects through binding to the CCR4 receptor.

MOLECULAR MASS

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

AMINO ACID SEQUENCE

GPYGANVEDS ICCQDYIRHP LPSRLVKEFF WTSKSCRKPG VVLITVKNRD ICADPRQVWV KLLHLKLS

SOURCE

E. coli

APPLICATIONS

Bioassay

PURITY

98 %

STORAGE

-20°C

PROTEIN CONTENT

Content Verified by UV Spectroscopy and/or SDS-PAGE

ENDOTOXIN LEVEL

Endotoxin level is <0.1 ng/μg of protein (<1 EU/μg).

AUTHENTICITY

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

CROSS REACTIVITY

Human

BIOACTIVITY

Determined by its ability to chemoattract human activated lymphocytes using a concentration of 10.0-100.0 ng/ml.

RESEARCH AREAS

AIDS/HIV; Chemotaxis; Immune System; Wound Healing

RECONSTITUTION

See Certificate of Analysis (COA) for lot specific reconstitution information.

REFERENCES

Godiska R, Chantry D, Raport CJ, Sozzani S, Allavena P, Leviten D, Mantovani A, Gray PW. 1997. J Exp Med. 185(9): 1595-1604. Schaniel C, Pardali E, Sallusto F, Speletas M, Ruedl C, Shimizu T, Seidl T, Andersson J, Melchers F, Rolink AG, Sideras P. 1998. J Exp Med. 188(3): 451-463.

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