

ANTIGENIX AMERICA Inc.
1-800-558-1008
PRODUCT INFORMATION SUMMARY

Murine MDC

Purified Factor	Product Number	RC444042B	20.0 ug
		RC444042A	5.0 ug

DESCRIPTION:

Mouse Macrophage-Derived Chemokine (MDC) is produced primarily from macrophages and dendritic cells of monocyte origin. Mouse MDC is not expressed from monocytes, NK cells, or other cell lines of fibroblast, endothelial or epithelial origin. Mouse MDC has molecular weight of 7.8 kDa, with 68 aa. residues.

SOURCE:

E. Coli

Purity > 98% by HPLC analysis

Endotoxin < 0.1 ng per ug Mouse MDC

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards. A concentration of 10 ng/mL murine MDC induced the migration of human activated lymphocytes (3×10^6 /mL), with peak response at 1000 ng/mL. In addition, Murine MDC (10 ng/mL) induced the migration of murine T cells (5×10^6 /mL) in an assay, with peak response at 100 ng/mL.

HANDLING AND STORAGE:

Purified Murine MDC factor is provided sterile-filtered and lyophilized. Store lyophilized, at -20° C. reconstitute with **50 uL distilled or sterile water**, then further dilute in PBS or other buffered solutions (**pH 7.2**). Store small aliquots at -20° C for long-term storage, at high concentration.

Microcentrifuge before reconstitution. Because ANTIGENIX factors are provided without carrier proteins like sucrose or BSA, the small quantities of lyophilized protein can adhere to the sides and cap of the vial during manufacture. **Before opening the vial**, we recommend microcentrifuging for 30 seconds to spin-down all material.

WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

RESEARCH USE ONLY -NOT for DRUG USE