

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

Murine GM-CSF

Purified Factor	Product Number	RC444021B	10 ug
		RC444021A	2 ug

DESCRIPTION:

Mouse Granulocyte-Macrophage Colony Stimulating Factor (GM-CSF) is species-specific growth factor for bone marrow cells. GM-CSF stimulates precursors of macrophages, granulocytes, and eosinophils. Murine GM-CSF has molecular weight of 14 kDa, and 124 aa. residues.

SOURCE: E. Coli

Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug Murine GM-CSF

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards. Specific activity of 0.2 ng/mL, as determined by dose dependent stimulation of murine FDC-P1 cells corresponding to specific activity of 5×10^6 units/mg. **Range** of biological activity 0.05 - 0.5 ng/mL.

HANDLING AND STORAGE:

Purified Murine GM-CSF factor is provided lyophilized and free of additives. Store lyophilized, at -20° C. Reconstitute with **sterile or distilled water** to a concentration of 100 ug/mL, 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