

PRODUCT INFORMATION SUMMARY

Murine IL-3

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| Purified Factor | Product Number | RC444320 | 10 ug |
| | Product Number | RC444320A | 2.0 ug |

DESCRIPTION:

Mouse Interleukin-3 (IL-3) is involved in bone marrow colony formation of neutrophils, macrophages and megakaryocytes. Produced by T cells, eosinophils and mast cells, IL-3 acts to support antibody-mediated cellular cytotoxicity, phagocytosis, and thrombopoiesis. Murine IL-3 is species-specific with molecular weight of 15.1 kDa, and 135 aa. residues.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug Murine IL-3

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.
Specific activity of 0.05 ng/mL, as determined by dose dependent stimulation of murine IL-3 dependent M-NFS-60 cells corresponding to specific activity of 2×10^7 units/mg.

HANDLING AND STORAGE:

Purified Murine IL-3 factor is provided lyophilized and free of additives. Store lyophilized, at -20° C. Reconstitute with **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