

PRODUCT INFORMATION SUMMARY

Murine IL-4

Purified Factor	Product Number	RC444420B	20.0 ug
Purified Factor	Product Number	RC444420A	5.0 ug

DESCRIPTION:

Mouse Interleukin-4 (IL-4) is a powerful lymphoid cell growth factor with effects on the survivability of certain T cells and B cells. Murine IL-4 has molecular weight of 13.5 kDa, and 120 aa. residues.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug Murine IL-4

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.
Specific activity of 0.1 ng/mL, as determined by dose dependent proliferation of murine IL-4 dependent CT.4S cells corresponding to specific activity of 1×10^7 units/mg.

Range of biological activity 0.1 - 10 ng/mL.

HANDLING AND STORAGE:

Purified Murine IL-4 factor is provided lyophilized and free of additives. Store lyophilized, at -20° C. Reconstitute with **distilled water** to a concentration of 100.0 ug/mL, then further dilute in PBS or other buffered solutions (**pH 7.2**). Store small aliquots, **with addition of carrier protein, ie., 0.1%BSA**, at -20° C for long-term storage - up to 3 months, 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