

PRODUCT INFORMATION SUMMARY

Murine IL-7

Purified Factor	Product Number	RC444720B	10 ug
	Product Number	RC444720A	2 ug

DESCRIPTION:

Mouse Interleukin-7 (IL-7) is a powerful lymphoid cell growth factor that promotes survivability and growth of certain Pre-B, Pro-B, and early T cells. In presence of IL-2, IL-7 can affect mature T cells. Murine IL-7 has molecular weight of 15 kDa, and 129 aa. residues.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug Murine IL-7

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.

Specific activity of 0.2 ng/mL, as determined by dose dependent stimulation of murine IXN/2B cells corresponding to specific activity of 5×10^6 units/mg.

HANDLING AND STORAGE:

Purified Murine IL-7 factor is provided lyophilized (from 20mM acetic acid) and free of additives. Store lyophilized, at -20° C. **Spin down**, and 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, **with addition of 0.1% BSA**, 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. (Small quantities are difficult to see in vial, and may appear as thin film).

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