

PRODUCT INFORMATION SUMMARY

Mouse IL 11

Purified Factor	Product Number	RC444360B	10.0 ug
	Product Number	RC444360A	2.0 ug

DESCRIPTION:

Mouse Interleukin-11 (IL 11) is a potent growth factor which acts to stimulate growth of and survivability of certain B cells, and T cells. IL-11 also regulates bone metabolism, and acts to suppress pro-inflammatory cytokines. Mouse IL-11 has molecular weight of 19.1 kDa, with 179 aa. residues.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug mouse IL-11

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.

ED₅₀ of 2.0 ng/mL, as determined by dose dependent stimulation of murine T11 cells.

Range of biologic activity: 0.1 - 10 ng/mL

HANDLING AND STORAGE:

Purified Mouse IL-11 factor is provided lyophilized. Store lyophilized, at -20° C. Can be reconstituted with **distilled water** to a concentration of 100 ug/mL, then dilute in PBS or other buffered solutions. **NOTE:** May be slow to dissolve. 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.

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