

ANTIGENIX AMERICA inc.

PRODUCT INFORMATION SUMMARY

Murine IL 12p70

Purified Factor	Product Number	RC444180B	10.0 ug
		RC444180A	2.0 ug

DESCRIPTION:

Mouse Interleukin-12 (IL-12p70) is produced primarily from activated B-lymphocytes and macrophages. It is involved in activation of NK cells, and Th1 cells that produce IFN Gamma. Mouse IL-12p70 is a disulfide-linked heterodimer with molecular weight of 75 kDa, with p35 and p40 subunits.

SOURCE: CHO cells (Chinese Hamster Ovarian cells)
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug IL 12

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.

Specific activity of 0.1 ng/mL, (1×10^7 units/mg) as determined by dose dependent stimulation of T-cell enriched PBMC.

HANDLING AND STORAGE:

Purified Murine IL 12 factor is provided sterile-filtered and lyophilized. Store lyophilized, at -20° C. **SPIN-DOWN** and reconstitute with **50-100 uL of 1X PBS (pH 7.4)**, then further dilute in PBS or other buffered solutions (**pH 7.4**). Store small aliquots, with **addition of 0.1% BSA**, 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.

RESEARCH USE ONLY -NOT for DRUG USE

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