

ANTIGENIX AMERICA Inc.
1-800-558-1008
PRODUCT INFORMATION SUMMARY

Human IL 9

Purified Factor	Product Number	HC90020B	10.0 ug
		HC90020A	2.0 ug

DESCRIPTION:

Human Interleukin-9 (IL 9) is a growth factor which acts upon lymphoid cells, myeloid and mast cell lineages. Human IL 9 exerts multiple responses and is produced preferentially by CD4 helper T cells. Molecular weight of 14.1 kDa, with 114 aa. residues.

SOURCE: E. Coli

Purity > 98% by HPLC analysis

Endotoxin < 0.1 ng per ug IL 9

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards. Specific activity of 5×10^6 units/mg, as determined by dose dependent proliferation of human MO7e cells.

Range of biologic activity: 0.1 - 10 ng/mL

HANDLING AND STORAGE:

Purified Human IL 9 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. 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