



HA # HC30020

PRODUCT INFORMATION SUMMARY

IL 3

Purified Factor Product Number HC30020 10.0 ug

DESCRIPTION:

Human Interleukin-3 (IL 3) is a colony stimulating factor which acts to stimulate colony formation of megakaryocytes, macrophages (bone marrow culture), and neutrophils. Species specific, IL3 has a molecular weight of 15.0 kDa, with 133 aa. residues.

SOURCE: E. Coli
 Purity > 98% by HPLC analysis
 Endotoxin < 0.1 ng per ug IL 3

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.
Specific activity of 1×10^7 units/mg, as determined by dose dependent stimulation of human TF-1 cells.

Range of biologic activity: 0.1 - 1.0 ng/mL

HANDLING AND STORAGE:

Purified Human IL 3 factor is provided lyophilized. Store lyophilized, at -20° C. Upon reconstitution with distilled water to a concentration of 100 ug/mL, dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration.

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