

PRODUCT INFORMATION SUMMARY

Human EGF (Epidermal Growth Factor)

PRODUCT NUMBER HC88823 Purified factor 500 ug

DESCRIPTION:

Human Epidermal Growth Factor (EGF) is a growth factor which stimulates proliferation epidermal and epithelial cells. Human EGF has molecular weight of 6.2 kDa with 53 amino acid residues.

SOURCE: E. Coli

Purity greater than 98% by HPLC analysis

Endotoxin level < 0.1 ng per ug EGF.

HANDLING AND STORAGE:

Provided as lyophilized protein. Human EGF should be reconstituted in 500 uL of sterile or distilled water. Further dilute in PBS or other buffered solutions. This can be stored frozen in small aliquots at high concentration. Avoid multiple freeze-thaw cycles.

Microcentrifuge before reconstitution. Because ANTIGENIX AMERICA factors are provided carrier-protein free, the small quantities of lyophilized protein can adhere to the sides of the vial. **Before opening vial**, we recommend microcentrifuging for 30 seconds to spin-down all material.

BIOACTIVITY:

Fully biologically active as compared to standards. Specific activity corresponding to 1×10^7 units/mg. Units as determined by thymidine uptake by BALB/c 3T3 in dose dependent assay. Range of activity: 0.5 - 25 ng/mL.

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.

FOR RESEARCH USE ONLY. NOT FOR THERAPEUTIC OR DRUG USE.