

PRODUCT INFORMATION SUMMARY

Human GCP-2

Purified Factor	Product Number	HC77740B	20.0 ug
Purified Factor	Product Number	HC77740A	5.0 ug

DESCRIPTION:

Human GCP-2 is a connective tissue derived CXC chemokine that can signal through the CXCR1 and CXCR2 receptors. GCP-2 selectively attracts neutrophils and has also shown to exert anti-angiogenic activity. Human GCP-2 is cross-react on murine cells. Human GCP-2 is a 7.9 kDa protein with 72 aa. residues.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug (1EU/ug).
Lyophilized, sterile-filtered, additive-free

BIOLOGICAL ACTIVITY:

Determined by its ability to chemoattract human neutrophils using a concentration range of 10.0-50.0 mg/ml.

HANDLING AND STORAGE:

Purified Human GCP-2 factor is provided lyophilized. Store lyophilized, at -20° C. Upon reconstitution with distilled or sterile water to a concentration of 100 ug/mL, dilute in PBS or other buffered solutions. Store small aliquots, with addition of 0.1% BSA, at -20° C for long-term storage -up to 3 months, at high concentration.

Before opening vial, it is recommended to microcentrifuge vial for 30 seconds to spin-down any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

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