

## PRODUCT INFORMATION SUMMARY

### Rat GRO/KC

(CXCL1)

Purified Factor	Product Number	RC333023B	25 ug
	Product Number	RC333023A	5 ug

#### DESCRIPTION:

Rat GRO/KC is a CXC chemokine that exists in three isoforms. The GRO proteins signal through the CXCR1 or CXCR2 receptors and chemoattract neutrophils and basophils. Molecular weight of 7.8 kDa, with 72 aa. residues, including the ELR motif.

**SOURCE:** E. Coli  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug Rat CNTF

#### BIOLOGICAL ACTIVITY:

**Fully biologically active when compared to standards.**

Activity determined by its ability to chemoattract Rat neutrophils in concentration range of 10.0 - 100.0 ng/mL.

#### HANDLING AND STORAGE:

Purified Rat GRO/KC factor is provided lyophilized with no additives. Store lyophilized, at -20° C. Upon reconstitution with distilled (or sterile) water to a concentration of 100 ug/mL, further dilute in PBS or other buffered solutions. Store small aliquots at -20 ° C for long-term storage, at high concentration.

**Range:** Biologic activity in concentration range of 10.0 - 100.0 ng/mL. (in vitro).

**Before opening vial to reconstitute,** it is recommended to **microcentrifuge vial** for 30 seconds - this will help recovery of full contents that may have adhered to surfaces of vial during lyophilization.

#### 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**