

## PRODUCT INFORMATION SUMMARY

### Murine KC

Purified Factor	Product Number	RC444035A	5.0 ug
		RC444035B	20.0 ug

#### DESCRIPTION:

Mouse Mouse KC, also known as GRO alpha and CXCL1, is a chemokine that signals via the CXCR1 or CXCR2 receptors. Mouse KC is involved in the activation and chemoattraction of neutrophils and basophils. Murine KC is a 7.8 KDa protein with 72 aa.

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

#### BIOLOGICAL ACTIVITY:

**Fully biologically active when compared to standards.**  
Observed to chemoattract human neutrophil population in concentration range of 10.0 - 100.0 ng/mL.

#### HANDLING AND STORAGE:

Purified Murine KC factor is provided lyophilized and free of additives. Store lyophilized, at -20 ° C. Reconstitute with **distilled water** to a concentration of 100.0 ug/mL, then further dilute in PBS or other buffered solutions (**pH 7.2**). Store small aliquots **with addition of 0.1% BSA**, at -20 ° C for long-term storage ( up to 3 months), 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**