

ANTIGENIX AMERICA Inc.

PRODUCT INFORMATION SUMMARY

Murine LIX

(CXCL6)

Purified Factor	Product Number	RC444041B	20.0 ug
Purified Factor	Product Number	RC444041A	5.0 ug

DESCRIPTION:

Mouse LIX (CXCL6) (also known as GCP-2 in human model) is a powerful chemoattractant for neutrophils, and is expressed by endothelial cells, monocytes, and mast cells. This chemokine signals via the CXCR2 receptor complex, and contains the " ELR" motif of CXC chemokines.

This recombinant Mouse LIX has molecular weight of 9.8 kDa, and 92 aa. residues.

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

X-REACTIVITY: Human

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.

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

HANDLING AND STORAGE:

Purified Murine LIX factor is provided lyophilized and free of additives. Store lyophilized, at -20° C.

Reconstitute with **distilled water** to a concentration of approx. 100.0 ug/mL, then further dilute in PBS or other buffered solutions (**pH 7.2**). Store small aliquots at -20° C for long-term storage, (**with addition of carrier protein, ie., 0.1% BSA**) 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. (Small quantities are difficult to see in vial, and may appear as thin film).

RESEARCH USE ONLY -NOT for DRUG USE

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