

ANTIGENIX America Inc.

PRODUCT INFORMATION SUMMARY

Mouse Midkine

Purified Factor	Product Number	RC444264B	20.0 ug
		RC444264A	5.0 ug

DESCRIPTION:

Murine Midkine (also known as NEGF-2) is a protein related to Pleiotrophin, which are heparin-binding neurotrophic factors. They signal via an aplastic lymphoma kinase receptor (ALK). Mouse Midkine is involved in fetal development and postnatal lung development. Midkine chemoattracts embryonic macrophages, neurons, and neutrophils. Recombinant Murine Midkine is a 13.3 kDa protein with 120 aa. residues.

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

BIOLOGICAL ACTIVITY:

Observed ability to chemoattract human neurophils
@ approx. 10.0 ng/mL.

HANDLING AND STORAGE:

Purified Mouse Midkine 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, 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.

RESEARCH USE ONLY -NOT for DRUG USE

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