

ANTIGENIX AMERICA INC.
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PRODUCT INFORMATION SUMMARY

Murine SDF-1 Alpha

Purified Factor	Product Number	RC444045B	10 ug
		RC444045A	2 ug

DESCRIPTION:

Mouse Stromal Cell Derived Factor (SDF-1) Alpha is a factor that belongs to the CXC, alpha chemokine, group of cytokines. Murine SDF-1 Alpha has molecular weight of 7.9 kDa, and 68 aa. residues.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug Murine SDF-1

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.
Activity determined by ability to chemoattract human peripheral blood monocytes using concentration of 50-100 ng/mL.

HANDLING AND STORAGE:

Purified Murine SDF-1 Alpha factor is provided sterile-filtered and lyophilized (from 1.0 mM Acetic Acid) and free of additives. Store lyophilized, at -20° C. Reconstitute with **50 uL sterile or distilled water** , then further dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, 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