

**ANTIGENIX AMERICA Inc**  
**1-800-558-1008**  
**PRODUCT INFORMATION SUMMARY**

**Mouse MIP-1 Alpha**

Purified Factor	Product Number	RC444032B	10.0 ug
		RC444032A	2.0 ug

**DESCRIPTION:**

Mouse Macrophage Inflammatory Protein-1 (MIP-1 Alpha) is a CC chemokine involved in the inflammatory response of blood monocytes, and tissue macrophages. Mouse MIP-1 Alpha is a 7.8 kDa protein with 69 aa. residues.

**SOURCE:**

E. Coli  
Purity > 99% by HPLC analysis  
Endotoxin < 0.1 ng per ug MIP-1 Alpha  
Sterile filtered and lyophilized.

**BIOLOGICAL ACTIVITY:**

Significant chemotaxis was achieved at 100 ng/mL concentration, in assay using Balb/C mouse spenocytes and using mouse peripheral blood mononuclear cells.

**HANDLING AND STORAGE:**

Purified Mouse MIP-1 Alpha 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, dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, 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.

**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**