

ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

Human MIP-1 Beta

Purified Factor	Product Number	HC77728B	10.0 ug
	Product Number	HC77728A	2.0 ug

DESCRIPTION:

Human Macrophage Inflammatory Protein-1 (MIP-1 Beta) is a chemokine involved in the inflammatory response of blood monocytes, and tissue macrophages. Human MIP-1 Beta is a 7.6 KDa protein with 69 aa. residues.

SOURCE: E. Coli
Purity > 99% by HPLC analysis
Endotoxin < 0.1 ng per ug MIP-1 Beta
Sterile filtered and lyophilized, additive-free.

BIOLOGICAL ACTIVITY:

Significant chemotaxis was achieved at 50 ng/mL concentration, in assay using human blood monocytes.
Range observed 5.0 - 20.0 ng/mL.

HANDLING AND STORAGE:

Purified Human MIP-1 Beta 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, **with addition of 0.1% BSA**, 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.

RESEARCH USE ONLY -NOT for DRUG USE

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