

PRODUCT INFORMATION SUMMARY

Human MIP-1 Alpha

Purified Factor	Product Number	HC77727B	20.0 ug
		HC77727A	5.0 ug

DESCRIPTION:

Human Macrophage Inflammatory Protein-1 (MIP-1 Alpha) is a chemokine involved in the inflammatory response of blood monocytes, and tissue macrophages. MIP-1 Alpha selectively attracts CD8+ lymphocytes, while MIP-1 Beta attracts CD4+ lymphocytes. Human MIP-1 Alpha is a 7.8 KDa protein with 69 aa. residues.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug MIP-1 Alpha
Sterile filtered and lyophilized, additive-free.

BIOLOGICAL ACTIVITY:

Significant chemotaxis was achieved at 20 ng/mL concentration, in assay using human blood monocytes.
Range observed 1.0 - 20.0 ng/mL.

HANDLING AND STORAGE:

Purified Human 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