

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

**Human MCP-1**

Purified Factor	Product Number	HC77721B	20.0 ug
		HC77721A	5.0 ug

**DESCRIPTION:**

Human Macrophage/Monocyte Chemotactic Protein-1 (MCP-1) is a Beta chemokine involved in the inflammatory response of blood monocytes, and tissue macrophages. Human MCP-1 is a 8.6 kDa protein with 76 aa. residues.

**SOURCE:** E. Coli

Purity > 99% by HPLC analysis

Endotoxin < 0.1 ng per ug MCP-1

**BIOLOGICAL ACTIVITY:**

Significant chemotaxis was achieved at 50 ng/mL concentration, in assay using human blood monocytes plated on a primary endothelial cell layer.

**HANDLING AND STORAGE:**

Purified Human MCP-1 factor is provided lyophilized. 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**