

## PRODUCT INFORMATION SUMMARY

### Human MIP-4 (PARC)

Purified Factor	Product Number	HC77733B	10.0 ug
		HC77733A	2.0 ug

#### DESCRIPTION:

Human Macrophage Inflammatory Protein-4 (MIP-4) is a chemokine that is chemotactic for T lymphocytes. No chemotaxis is demonstrated for monocytes or granulocytes. Human MIP-4 is also known as PARC and 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-4  
Sterile filtered and lyophilized.

#### BIOLOGICAL ACTIVITY:

Significant chemotaxis was achieved at 100 ng/mL concentration, in assay using human T lymphocytes.

#### HANDLING AND STORAGE:

Purified MIP-4 factor is provided lyophilized with no additives. Store lyophilized, at -20° C. Upon reconstitution with 100 uL distilled ( or sterile) water, further 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**