

## PRODUCT INFORMATION SUMMARY

### Rat IP-10 (CXCL10)

Purified Factor	Product Number	RC333161B	25.0 ug
	Product Number	RC333161A	5.0 ug

#### DESCRIPTION:

Rat IP-10 is a chemokine that is chemotactic for lymphocytes, and monocytes. Also known as Gamma Interferon Inducible Protein-10. IP-10 signals via the CXCR3 receptor complex and is mitogenixc for vascular smooth muscle cells. Rat IP-10 is a 8.6 kDa protein with 77 aa. residues.

**SOURCE:** E. Coli  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug IP-10  
Sterile filtered and lyophilized.

#### BIOLOGICAL ACTIVITY:

Significant chemotaxis was achieved at 20.0 ng/mL concentration, in assay using human CXCR3/HEK293 cells.

#### HANDLING AND STORAGE:

Purified Rat IP-10 factor is provided lyophilized with no additives. Store lyophilized, at -20° C. Upon reconstitution with distilled ( or sterile) water to 100.0 ug/mL concentration, further dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, **with addition of 0.1% BSA**, at high concentration - up to 3 months.

**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**