

## PRODUCT INFORMATION SUMMARY

### Murine CXCL16

Purified Factor	Product Number	RC444131B	25.0 ug
		RC444131A	5.0 ug

#### DESCRIPTION:

Mouse CXCL16 is a chemokine factor that is believed to stimulate lymphocyte chemotaxis during inflammatory response. This chemokine signals via the CXCR6 receptor. Murine CXCL16 has molecular weight of 9.9 kDa, and 89 aa. residues.

**SOURCE:** E. Coli  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug Murine CXCL16

#### BIOLOGICAL ACTIVITY:

Determined by ability to chemoattract murine lymphocytes in range of 20 - 1000 ng/mL.

#### HANDLING AND STORAGE:

Purified Murine CXCL16 factor is provided lyophilized and free of additives. Store lyophilized, at -20° C. Reconstitute with **distilled water ONLY**, to a concentration of 100 ug/mL, then further dilute in PBS or other buffered solutions (**pH 7.2**). Store small aliquots, **with addition of 0.1% BSA**, at -20° C for long-term storage - up to 3 months, at high concentration.

**Microcentrifuge before reconstitution.** Because ANTIGENIX factors are provided without carrier proteins like sucrose or BSA, the small quantities of lyophilized protein can adhere to the sides and cap of the vial during manufacture. **Before opening the vial**, we recommend microcentrifuging for 30 seconds to spin-down all material. (Small quantities are difficult to see in vial, and may appear as thin film).

#### 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**