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Recombinant Murine BCA-1/BCL

Description: BCA-1/BLC, a CXC chemokine, is expressed in the liver, spleen, lymph nodes, appendix and stomach. It exerts its activities through its only receptor CXCR5. BCA-1/BLC is a potent chemoattractant for B lymphocytes and induces weak chemotactic response in T cells and macrophages. It manifests no activity on neutrophils and monocytes. Recombinant murine BLC is a 9.8 kDa protein containing 88 amino acid residues including the four highly conserved cysteine residues present in CXC chemokines.

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|--------------------------|------------------------------|
| Source: | E. coli |
| Molecular Weight: | 9.8 kDa |
| Purity: | > 98% by SDS-PAGE and HPLC |
| Endotoxin level: | < 0.1 ng per µg of BCA-1/BCL |
| Stabilizer: | none |
| Formulation: | lyophilized |

Biological Activity: Determined by its ability to chemoattract murine B cells using a concentration of 10.0-100.0 ng/ml.

Reconstitution: The murine BCA-1 should be reconstituted in water to a concentration of 0.1-1.0 mg/ml. This solution can be diluted in water or other buffer solutions or stored at -20°C.

Stability: The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C. Reconstituted murine BCA-1 should be stored in working aliquots at -20°C. **Avoid repeated freeze-thaw cycles.**

Usage: Murine BCA-1 offered for research use. Not for drug use. **Not for human use.**

Catalogue number: M10-051

Size: 20 µg

****please note: always centrifuge product before opening Vial.****