

CXCL13

Recombinant Human BLC/BCA1/CXCL13

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|---------------------------------|---|------------------|-----------------------|
| Catalog No. | CRB400A CRB400B CRB400C | Quantity: | 5 µg 20 µg 1 mg |
| Alternate Names: | B Cell-Attracting chemokine 1, BCA1, BCA-1, BLC, BLR1L, SCYB13, ANGIE, ANGIE2 | | |
| GenelD: | 10563 | | |
| Protein Accession No: | NP_006410 | | |
| Description: | Single, non-glycosylated polypeptide chain containing 87 amino acids. | | |
| Source: | <i>E. coli</i> | | |
| Molecular Weight: | 10.3 kDa | | |
| Formulation: | Lyophilized from a sterile filtered solution in 20mM PB, pH 7.4 + 100 mM NaCl. | | |
| Purity: | > 97% as determined by SDS-PAGE and HPLC analyses | | |
| Endotoxin Level: | < 0.1 ng/µg of CXCL13 | | |
| Biological Activity: | Measured by its ability to chemoattract human CXCR5 transfected BaF3 mouse pro-B cells. The ED ₅₀ for this effect is typically 0.005-0.02 µg/mL. | | |
| Amino Acid Sequence: | VLEVYYTSLRCRCVQESSVFIPRRFIDRIQILPRGNGCPRKEIIVWKKNKSIKCVDPQAEW IQRMMEVLRKRSSSTLPVPVFKRKIP | | |
| Reconstitution: | Centrifuge vial prior to opening. Add sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/mL. Further dilutions should be made in appropriate buffered solutions. | | |
| Storage & Stability: | Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2-4°C. For long term storage, aliquot and store at -20°C. Avoid repeated freeze-thaw cycles. | | |

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