

## Cxcl13

### Recombinant Mouse BCA-1 / CXCL13

<b>Catalog No.</b>	CRB401B	<b>Quantity:</b>	20 µg
<b>Alternate Names:</b>	C-X-C motif chemokine 13, B Cell-Attracting chemokine 1, BCA-1, B-lymphocyte chemoattractant, BLC		
<b>Description:</b>	Mouse BCA-1, C-X-C motif chemokine 13 is expressed in the liver, spleen, lymph nodes, appendix and stomach. It exerts its activities through its only receptor CXCR5. BCA-1 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.		
<b>UniProt ID:</b>	O55038		
<b>Gene ID:</b>	55985		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	9.8 kDa (87 aa)		
<b>Formulation:</b>	Lyophilized from a sterile-filtered solution without additives		
<b>Purity:</b>	> 98% by SDS-PAGE and HPLC analyses		
<b>Endotoxin Level:</b>	< 1 EU/µg		
<b>Biological Activity:</b>	Determined by its ability to chemoattract human B-cells using a concentration of 1.0-10.0 ng/ml.		
<b>Amino Acid Sequence:</b>	VLEVYYTSLR CRCVQESSVF IPRRFIDRIQ ILPRGNGCPR KEIIVWKKNK SIVCVDPAE WIQRMMEVLR KRSSSTLPVP VFKRKIP		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile water to the vial to a concentration of 0.1 - 1.0 mg/mL. <b>Do not vortex.</b> After complete solubilization of the protein, it can be further diluted to other aqueous solutions containing a carrier protein such as 0.1 % BSA.		
<b>Storage &amp; Stability:</b>	The lyophilized protein is stable at -20°C to -80° for up to 1 year. Reconstituted working aliquots are stable for 1 week at 2-8°C and for 3 months at -20°C to -80°C. <b>Avoid repeated freeze/thaw cycles.</b>		

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