

Recombinant Human CXCL13 Protein

Cat. No. CXCL13-58H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCL13 Protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	B cell-attracting chemokine 1 (BCA-1), also known as CXCL13, is expressed at high levels in lymphoid tissues, such as the spleen, lymph nodes, and Peyer's patches. BCA-1 activates signaling through the receptor Burkitt lymphoma receptor 1 (BLR1) to chemoattract B cells.
Bio-activity	No biological activity data is available at this time.
Molecular Mass	Monomer, 10.2 kDa (86 aa)
AA Sequence	VLEVYYTSLRCRVQESSVFIPRRFIDRIQILPRGNGCPRKEIIVWKKNKSIVCVDPQAE WIQRMMEVLRKRSSSTLPVPVFKRKIP
Endotoxin	≤1 EUs/μg, Kinetic LAL
Purity	≥95%, Reducing and Non-Reducing SDS PAGE
Stability	12 months from date of receipt when stored at -20 to -80 centigrade as supplied. 1 month when stored at 4 centigrade after reconstituting as directed. 3 months when stored at -20 to -80 centigrade after reconstituting as directed.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Storage Prior to Reconstitution: -20 centigrade
Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Reconstitution	Sterile water at 0.1 mg/mL
Shipping	Room temperature
Instructions	Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 centigrade and avoid repeat freeze thaws.

GENE INFORMATION

Gene Name	CXCL13 C-X-C motif chemokine ligand 13 [Homo sapiens (human)]
Official Symbol	CXCL13
Synonyms	CXCL13; C-X-C motif chemokine ligand 13; BLC; BCA1; ANGIE; BCA-1; BLR1L; ANGIE2; SCYB13; C-X-C motif chemokine 13; B-cell chemoattractant; B-cell-attracting chemokine 1; B-cell-homing chemokine (ligand for Burkitt's lymphoma receptor-1); B-lymphocyte chemoattractant; CXC chemokine BLC; b cell-attracting chemokine 1; b lymphocyte chemoattractant; chemokine (C-X-C motif) ligand 13 (B-cell chemoattractant); small inducible cytokine B subfamily (Cys-X-Cys motif), member 13 (B-cell chemoattractant); small-inducible cytokine B13
Gene ID	10563
mRNA Refseq	NM_006419

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Protein Refseq	NP_006410
MIM	605149
UniProt ID	Q53X90

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