

Active Recombinant Human CXCL13 Protein

Cat. No. CXCL13-024H Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human chemokine (C-X-C motif) ligand 13 (CXCL13)(Val23-Arg94) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	23-94 a.a.
Description	Chemotactic for B-lymphocytes but not for T-lymphocytes, monocytes and neutrophils. Does not induce calcium release in B-lymphocytes. Binds to BLR1/CXCR5. [UniProtKB/Swiss-Prot Function]
Bio-activity	Bioactivity was measured by its property to chemoattract Baf3-hCXCR5 transfectants in a dose dependent manner.
Molecular Mass	8.6 kDa
Endotoxin	Less than 0.01 ng per μ g protein as determined by the LAL method.
Purity	> 98% as determined by Coomassie stained SDS-PAGE.
Concentration	Protein formulated and vialled at >50 μ g/mL in specified buffer
Storage Buffer	1 x PBS

 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

GENE INFORMATION

Gene Name	CXCL13 chemokine (C-X-C motif) ligand 13 [Homo sapiens]
Official Symbol	CXCL13
Synonyms	CXCL13; chemokine (C-X-C motif) ligand 13; SCYB13, small inducible cytokine B subfamily (Cys X Cys motif), member 13 (B cell chemoattractant); C-X-C motif chemokine 13; ANGIE; ANGIE2; B cell chemoattractant; BCA 1; BLC; BLR1L; CXC chemokine BLC; B-cell chemoattractant; B-lymphocyte chemoattractant; b lymphocyte chemoattractant; small-inducible cytokine B13; B-cell-attracting chemokine 1; b cell-attracting chemokine 1; chemokine (C-X-C motif) ligand 13 (B-cell chemoattractant); B-cell-homing chemokine (ligand for Burkitts lymphoma receptor-1); small inducible cytokine B subfamily (Cys-X-Cys motif), member 13 (B-cell chemoattractant); BCA1; BCA-1; SCYB13;
Gene ID	10563
mRNA Refseq	NM_006419
Protein Refseq	NP_006410
MIM	605149
UniProt ID	O43927

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