

CXCL13 (Human) Recombinant Protein

Catalog # P9416

Size 20 ug

Specification

Product Description	Human CXCL13 (O43927, 23 a.a. - 109 a.a.) partial recombinant protein with His tag at N-terminus expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSVLEVYYTSLRCRCVQESSVFIPRRFIDRIQLPRGNGCPRKEII VWKKNKSI/CVDPQAEWQRMMEVLRKRSSSTLPVPVFKRKIP
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	12.7
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 85.0% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 20mM Tris-HCl pH 8.0 (0.4 M Urea and 10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — CXCL13

Entrez GeneID [10563](#)

Protein Accession#	O43927
Gene Name	CXCL13
Gene Alias	ANGIE, ANGIE2, BCA-1, BCA1, BLC, BLR1L, SCYB13
Gene Description	chemokine (C-X-C motif) ligand 13
Omim ID	605149
Gene Ontology	Hyperlink
Gene Summary	B lymphocyte chemoattractant, independently cloned and named Angie, is a CXC chemokine strongly expressed in the follicles of the spleen, lymph nodes, and Peyer's patches. It preferentially promotes the migration of B lymphocytes (compared to T cells and macrophages), apparently by stimulating calcium influx into, and chemotaxis of, cells expressing Burkitt's lymphoma receptor 1 (BLR-1). It may therefore function in the homing of B lymphocytes to follicles. [provided by RefSeq]
Other Designations	B-cell chemoattractant B-cell-attracting chemokine 1 B-cell-homing chemokine (ligand for Burkitt's lymphoma receptor-1) B-lymphocyte chemoattractant chemokine (C-X-C motif) ligand 13 (B-cell chemoattractant) small inducible cytokine B subfamily (Cys-X-Cys

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Infant](#)
- [Respiratory Syncytial Virus Infections](#)