

Bioactive

CXCL13 (Human) Recombinant Protein

Catalog # P7204

Size 20 ug

Specification

Product Description	Human CXCL13 (O43927, 23 a.a. - 109 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Host	Escherichia coli
Theoretical MW (kDa)	10.3
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 97% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The biological activity determined by a chemotaxis bioassay using human B cells is in a concentration range of 1.0 - 10.0 ng/ml.
Storage Buffer	Lyophilized from sterile distilled Water up to 0.1 - 1.0 mg/ml
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- 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](#)