10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BCA-1/BLC (CXCL13), human recombinant protein

B cell Attracting Chemokine-1, CXCL13, BLC (mouse), BLR1 Ligand

Catalog # PBV10034r

Specification

BCA-1/BLC (CXCL13), human recombinant protein - Product info

Primary Accession	O43927
Calculated MW	**10.1 kDa KDa**

BCA-1/BLC (CXCL13), human recombinant protein - Additional Info

Gene ID	**10563**
Gene Symbol	**CXCL13**

Other Names

B cell Attracting Chemokine-1, CXCL13, BLC (mouse), BLR1 Ligand, Angie, B lymphocyte chemoattractant, CXC chemokine BLC, Small-inducible cytokine B13

Gene Source	**Human**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥95%**
Assay2&Purity2	**HPLC; ≥95%**
Recombinant	**Yes**
Results	**1.0-10 ng/ml.**

Target/Specificity

BCA-1/BLC (CXCL13)

Application Notes

Centrifuge the vial prior to opening. Reconstitute in H_2O to a concentration of 0.1-1 mg/ml. The solution can then be diluted into other aqueous buffers or store at 4°C for 1 week or -20°C for future use.

Format

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized from 10 mM TFA

BCA-1/BLC (CXCL13), human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety

- Cell Culture

BCA-1/BLC (CXCL13), human recombinant protein - Images

BCA-1/BLC (CXCL13), human recombinant protein - Background

Human BCA-1 (B Cell-Attracting chemokine 1), also known as BLC or CXCL13, is a recently identified new CXC chemokines. Human BCA-1 is a highly effective attractant for human blood B lymphocytes, but was inactive on freshly isolated or IL-2 stimulated T lymphocytes, monocytes and neutrophils. The human BCA-1 is a 10.1 kDa protein containing 85 amino acid residues.

BCA-1/BLC (CXCL13), human recombinant protein - References

Gunn M.D.,et al.Nature 391:799-803(1998).
Legler D.F.,et al.J. Exp. Med. 187:655-660(1998).
Napolitano M.,et al.Submitted (OCT-1997) to the EMBL/GenBank/DDBJ databases.