

B-Lymphocyte Chemoattractant 1 (BLC1) Recombinant Protein | BLC1 recombinant protein

Recombinant B-Lymphocyte Chemoattractant 1 (BLC1)

CATALOG # AAA134584	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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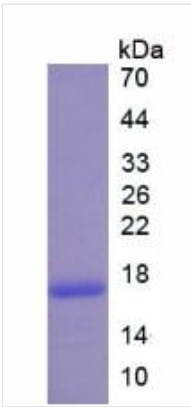
PRODUCT SYNONYMS

B-Lymphocyte Chemoattractant 1 (BLC1); Recombinant B-Lymphocyte Chemoattractant 1 (BLC1); BLC1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for BLC1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Val23~Arg94
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	10.4
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1. Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
Usage	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C. Aliquot and store at -80°C. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

VLEVYYS LRCRCVQESS VFIPRRFIDR
IQILPRGNGC PRKEIIVHKK NKSIVCVDPQ AEWIQRMMEV LRKR

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453577
NCBI GeneID	10563
NCBI Accession #	NP_006410.1
NCBI GenBank Nucleotide #	NM_006419.2
UniProt Accession #	Q53X90; O43927
Molecular Weight	Predicted Molecular Mass: 12.4kDa Accurate Molecular Mass: 17kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	C-X-C motif chemokine 13
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 13
NCBI Official Symbol	CXCL13
NCBI Official Synonym Symbols	BLC; BCA1; ANGIE; BCA-1; BLR1L; ANGIE2; SCYB13
NCBI Protein Information	C-X-C motif chemokine 13; 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 Burkitt's lymphoma receptor-1); small inducible cytokine B subfamily (Cys-X-Cys motif), member 13 (B-cell chemoattractant)
UniProt Protein Name	CXCL13 protein
UniProt Gene Name	CXCL13
UniProt Entry Name	Q53X90_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cxcl13-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134584>