

Murine BCA-1 / BLC / CXCL13

Synonyms: C-X-C motif chemokine 13, B lymphocyte chemoattractant, CXC chemokine BLC, Small-inducible cytokine B13, Cxcl13, Blc, Scyb13.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	1170.960.005		
20 µg	1170.960.020		
1 mg	1170.960.199		

Please enquire for bulk quantities and other vial sizes

Description

Recombinant Murine BCA-1 / BLC / CXCL13 (22-109) produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 88 amino acids and having a molecular mass of 10kDa. The BCA-1 is purified by proprietary chromatographic techniques.

- **Source** *E. Coli*
- **Purity** ≥ 97 % (SDS-PAGE)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** The BCA1 protein was lyophilized from a 0.2µm filtered solution in Acetonitrile and TFA*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

The ED₅₀, as measured by its ability to chemoattract human CXCR5-transfected mouse BaF3 cells, is less than 2µg/ml.

Reconstitution

We recommend a quick spin followed by reconstitution in sterile water to a concentration of at least 100 µg/ml, which can then be further diluted to other aqueous solutions. Do not vortex.

Stability

Lyophilized BCA1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution BCA1 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

ILEAHYTNLK CRCSGVISTV VGLNIIDRIQ VTPPGNGCPK TEVVIWTKMK KVICVNPRAK WLQRLLRHVQ
SKSLSSSTPQA PVSKRRAA

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

ORDERING
Tel.: +49 40 43208448-0
order@active-bioscience.de
www.active-bioscience.de

TECHNICAL SUPPORT
Tel.: +49 40 43208448-11
support@active-bioscience.de

Active Bioscience GmbH
Oberaltenallee 8
D-22081 Hamburg
HRB 98170 Amtsgericht Hamburg