

Mouse BCA-1 Recombinant Protein



RPPB1100

Product Information Protein Information

Product SKU:

RPPB1100

Accession:

O55038

Host:

Escherichia Coli.

Protein description:

CXCL13 Mouse Recombinant (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.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

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

Formulation:

The BCA1 protein was lyophilized from a 0.2µm filtered solution in Acetonitrile and TFA.

Purity:

Greater than 97.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized CXCL13 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

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 prevent freeze-thaw cycles.

Amino Acid Sequence:

ILEAHYTNLK CRCSGVISTV VGLNIIDRIQ VTTPGNGCPK TEVVIWTKMK KVICVNPRAK WLQRLLRHVQ
SKSLSTPQA PVSKRRRAA.

Biological Activity:

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