

RP02941LQ

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Recombinant Mouse CXCL13/BLC Protein

Catalog No.: RP02941LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	55985	O55038

Tags

N-His

Synonyms

ANGIE; ANGIE2; BCA-1; BCA1; BLC; BLR1L; SCYB13

Product Information

Source

HEK293 cells

Purification

> 95% as determined by HPLC.

Endotoxin

<1EU/μg

Formulation

Supplied as a 0.22 μm filtered solution in 50mM Tris, 500mM NaCl, pH 7.5.

Reconstitution

Background

Recent studies have implicated chemokines in microglial activation and pathogenesis of neuropathic pain. C-X-C motif chemokine 13 (CXCL13) is a B lymphocyte chemoattractant that activates CXCR5. Using the spinal nerve ligation (SNL) model of neuropathic pain, CXCL13 was persistently upregulated in spinal cord neurons after SNL, resulting in spinal astrocyte activation via CXCR5 in mice.

Basic Information

Description

Recombinant Mouse CXCL13/BLC Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ile22-Ala109) of mouse CXCL13/BLC (Accession #NP_061354.1) fused with 6×His tag at the N-terminus.

Bio-Activity

Storage

Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

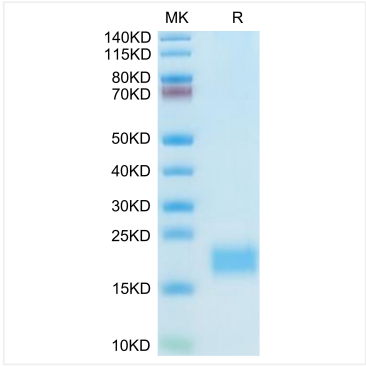
Contact



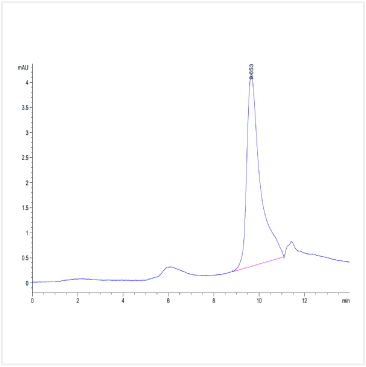
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* For your safety and health, please wear a lab coat and disposable gloves when handling.

Validation Data



Recombinant Mouse CXCL13/BLC Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



The purity of Mouse CXCL13/BLC Protein (Cat.RP02941LQ) was greater than 95% as determined by SEC-HPLC.