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Recombinant Mouse CXCL13/BLC Protein

Catalog No.: RP02941 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	55985	O55038

Tags
N-His

Synonyms
Cxcl13; Blc; Scyb13□C-X-C motif chemokine 13; B lymphocyte chemoattractant

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE.

Calculated MW	Observed MW
11.7 kDa	16-20 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from 0.22 μm filtered solution in 50mM Tris, 500mM NaCl (pH 7.5). Normally 8% mannitol is added as protectant before lyophilization.

Reconstitution
Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Contact

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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 His tag at the N-terminus.

Bio-Activity

Shipping
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

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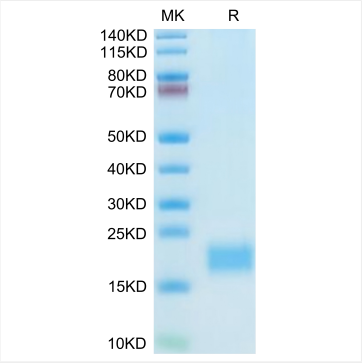
Validation Data



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