

Recombinant Mouse CXCL13/BLC Protein

Catalog No.: RP02941

Sequence Information

Species	Gene ID
Mouse	55985
Swiss Prot	Tags
O55038	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.

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.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

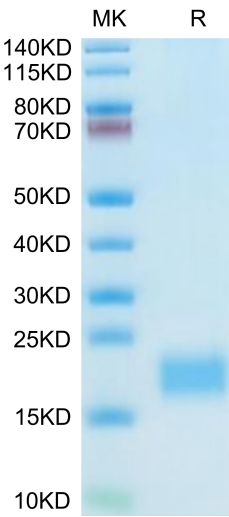
Operational Notes

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

Contact

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Validation Data



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