

Mouse CXCL13/BCA-1 Protein

Cat. No. CXC-MM213

Description

Source	Recombinant Mouse CXCL13/BCA-1 Protein is expressed from Expi293 with hFc tag at the N-terminal. It contains Ile22-Ala109.
Accession	O55038
Molecular Weight	The protein has a predicted MW of 37.1 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

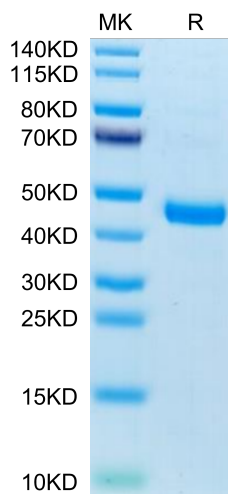
Formulation	Supplied as 0.22 μm filtered solution in 50mM Tris, 500mM NaCl (pH 7.5). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

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.

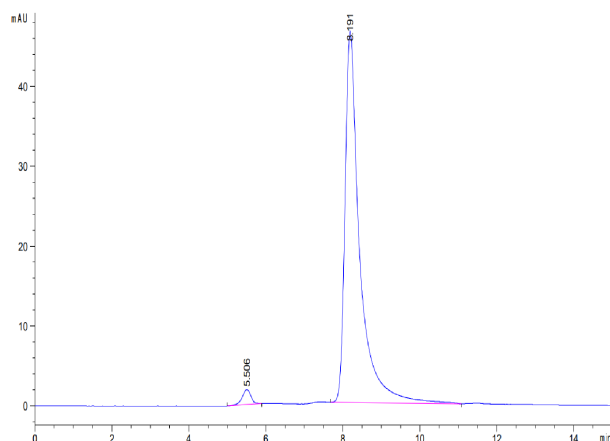
Assay Data

Tris-Bis PAGE



Mouse CXCL13 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse CXCL13 is greater than 95% as determined by SEC-HPLC.