

Mouse CXCL13/BCA-1 Protein



Cat. No. CXC-MM213

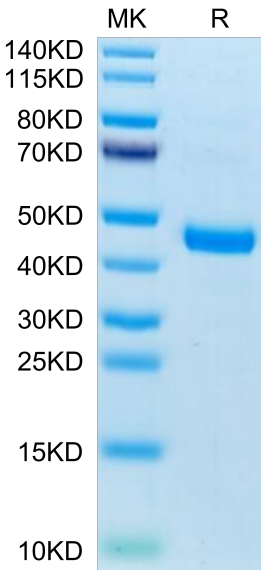
Description	
Source	Recombinant Mouse CXCL13/BCA-1 Protein is expressed from HEK293 with hFc tag at the N-Terminus. It contains Ile22-Ala109.
Accession	O55038
Molecular Weight	The protein has a predicted MW of 37.1 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage	
Formulation	Supplied as 0.22µm filtered solution in 50mM Tris, 500mM NaCl (pH 7.5).
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 minimize 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

Bis-Tris PAGE



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

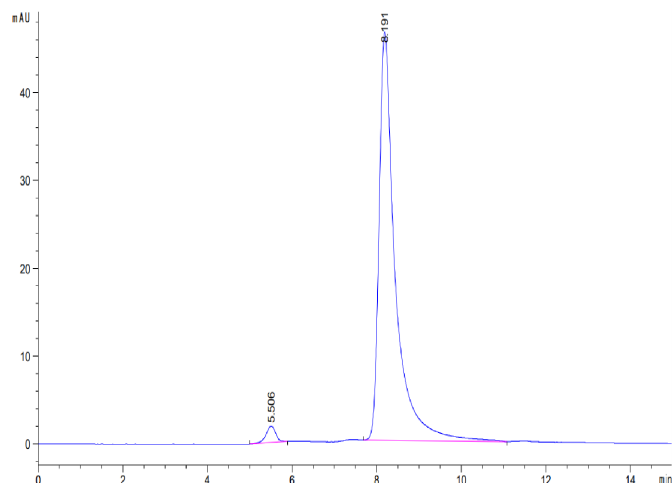
SEC-HPLC

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Assay Data



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