

# Mouse CXCL13/BCA-1 Protein

Cat. No. CXC-MM113

## Description

<b>Source</b>	Recombinant Mouse CXCL13/BCA-1 Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Ile22-Ala109.
<b>Accession</b>	O55038
<b>Molecular Weight</b>	The protein has a predicted MW of 11.7 kDa. Due to glycosylation, the protein migrates to 16-20 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE

## Formulation and Storage

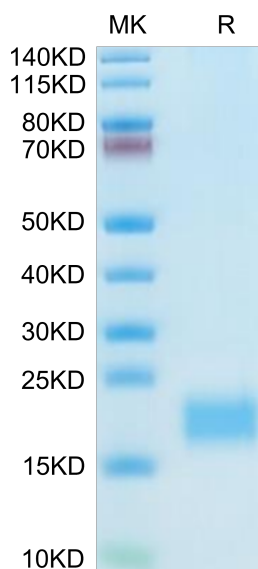
<b>Formulation</b>	Supplied as 0.22µm filtered solution in 50mM Tris, 500mM NaCl (pH 7.5).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## 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%.