

## Mouse CXCL4 Protein

Cat. No. CXC-MM2L4

### Description

<b>Source</b>	Recombinant Mouse CXCL4 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Val30-Ser105.
<b>Accession</b>	Q9Z126
<b>Molecular Weight</b>	The protein has a predicted MW of 35 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per $\mu$ g by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC

### Formulation and Storage

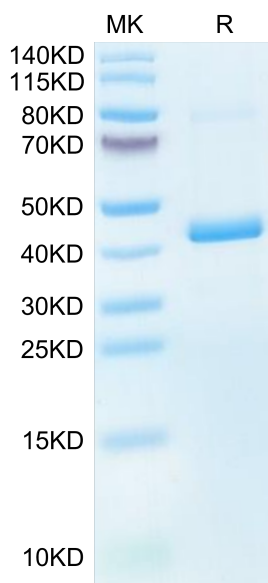
<b>Formulation</b>	Supplied as 0.22 $\mu$ m filtered solution in PBS, 200mM L-arginine (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

### Background

Chemokines regulate leukocyte migration during physiological and pathological conditions. It is currently accepted that these chemotactic cytokines are also important in the development and progression of cancer. CXCL4 and its non-allelic variant CXCL4L1 are two platelet-associated chemokines that have been attributed anti-tumoral activity as a result of their angiostatic potential and the chemotactic activity for anti-tumoral leukocytes.

### Assay Data

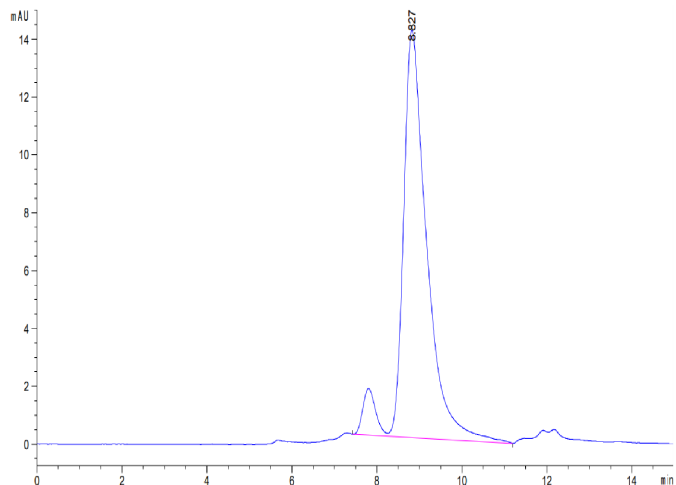
#### Bis-Tris PAGE



Mouse CXCL4 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

#### SEC-HPLC

Assay Data



The purity of Mouse CXCL4 is greater than 90% as determined by SEC-HPLC.