

# Mouse CX3CL1/Fractalkine Protein

Cat. No. CX3-MM101

## Description

<b>Source</b>	Recombinant Mouse CX3CL1/Fractalkine Protein is expressed from Expi293 with His tag at the C-terminal. It contains Gln25-Thr336.
<b>Accession</b>	O35188
<b>Molecular Weight</b>	The protein has a predicted MW of 34.2 kDa. Due to glycosylation, the protein migrates to 50-80 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

## Formulation and Storage

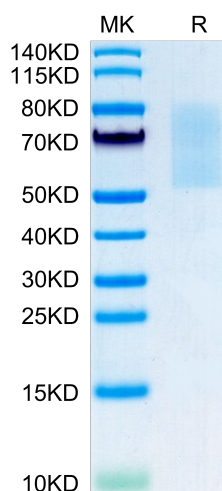
<b>Formulation</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

## Background

Fractalkine/CX3C chemokine ligand 1 (CX3CL1) is a chemokine involved in the anticancer function of lymphocytes-mainly NK cells, T cells and dendritic cells. Its increased levels in tumors improve the prognosis for cancer patients, although it is also associated with a poorer prognosis in some types of cancers, such as pancreatic ductal adenocarcinoma.

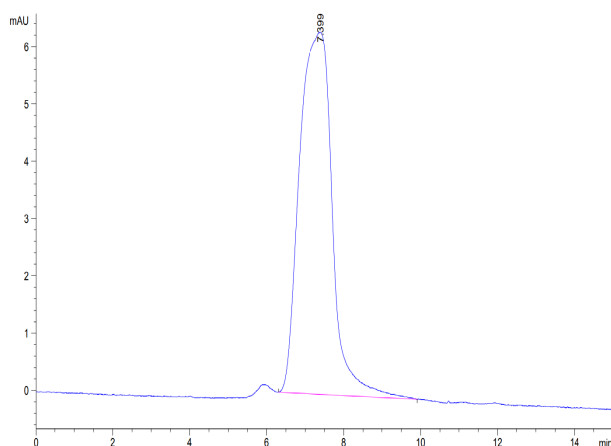
## Assay Data

### Tris-Bis PAGE



Mouse CX3CL1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC



The purity of Mouse CX3CL1 is greater than 95% as determined by SEC-HPLC.