

# Cynomolgus CX3CL1/Fractalkine Protein, Ultra Low Endotoxin

Cat. No. CX3-CM101-UL

## Description

<b>Source</b>	Recombinant Cynomolgus CX3CL1/Fractalkine Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln25-Gln341.
<b>Accession</b>	EHH60415.1
<b>Molecular Weight</b>	The protein has a predicted MW of 34.65 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 0.01 EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

## Formulation and Storage

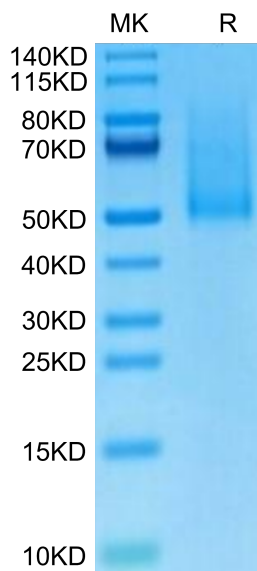
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
<b>Storage</b>	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize 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

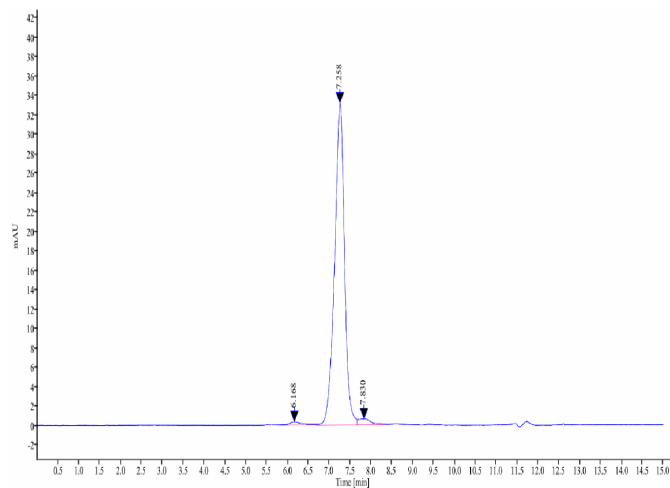
### Bis-Tris PAGE



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

### SEC-HPLC

Assay Data



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