

# Biotinylated Human CX3CL1/Fractalkine Protein

Cat. No. CX3-HM401B

## Description

<b>Source</b>	Recombinant Biotinylated Human CX3CL1/Fractalkine Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Gln25-Gln341.
<b>Accession</b>	AAH01163
<b>Molecular Weight</b>	The protein has a predicted MW of 36.5 kDa. Due to glycosylation, the protein migrates to 50-90 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1 EU per ug by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE

## Formulation and Storage

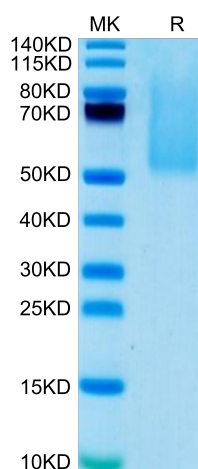
<b>Formulation</b>	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
<b>Storage</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



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