

Human CX3CL1/Fractalkine Protein, Ultra Low Endotoxin



Cat. No. CX3-HM101-UL

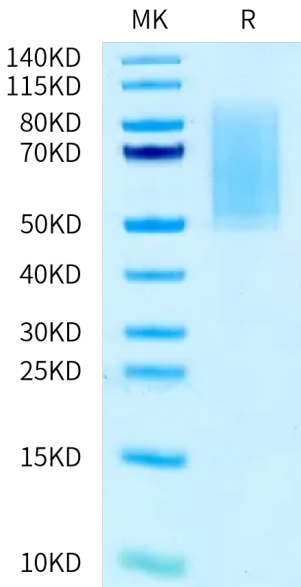
| Description      |   |
|------------------|---|
| Source           | Recombinant Human CX3CL1/Fractalkine Protein is expressed from HEK293 with His tag at the C-Terminus.<br>It contains Gln25-Gln341.  |
| Accession        | AAH01163  |
| Molecular Weight | The protein has a predicted MW of 34.7 kDa. Due to glycosylation, the protein migrates to 90-110 kDa based on Bis-Tris PAGE result. |
| Endotoxin        | Less than 0.01 EU per µg by the LAL method.   |
| Purity           | > 95% as determined by Bis-Tris PAGE  |

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



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