

Datasheet for ABIN7274438

CX3CL1 Protein (AA 25-341) (His tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CX3CL1
Protein Characteristics:	AA 25-341
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CX3CL1 protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus CX3CL1/Fractalkine Protein
Sequence:	Gln25-Gln341
Characteristics:	Recombinant Cynomolgus CX3CL1/Fractalkine Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln25-Gln341.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	CX3CL1
Alternative Name:	CX3CL1 (CX3CL1 Products)

Target Details

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.
Molecular Weight:	34.65 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Tris-Bis PAGE result.
Pathways:	Synaptic Membrane

Application Details

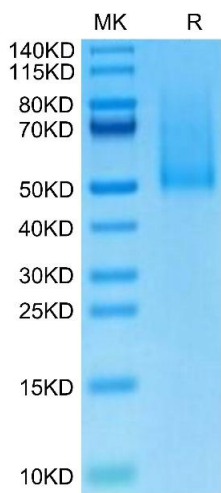
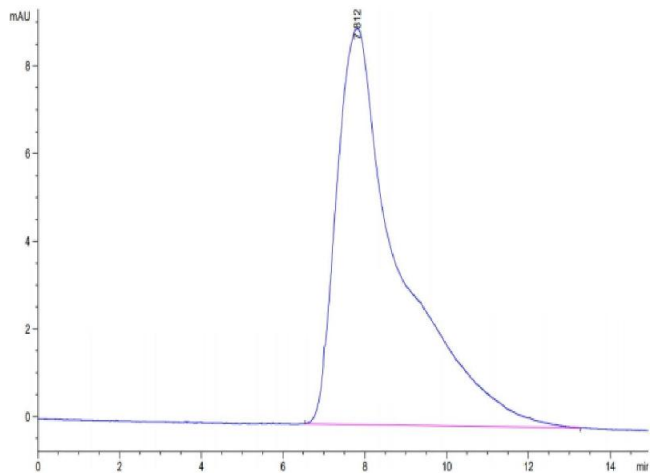
Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Cynomolgus CX3CL1 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Cynomolgus CX3CL1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .