

Rev03
 Update: Aug,08,2025

DATASHEET

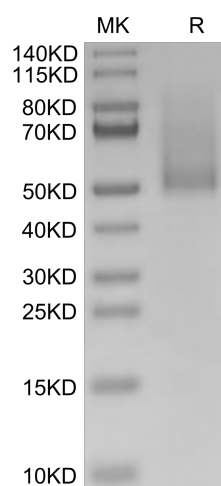
CX3CL1/Fractalkine, His, Cynomolgus

Cat. No.: Z04774

Product Introduction

Species	Cynomolgus
Protein Construction	<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> CX3CL1/Fractalkine (Gln25-Gln341) Accession # EHH60415.1 </div> <div style="background-color: #76b82a; color: white; padding: 5px; text-align: center;"> His </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> N-term C-term </div>
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	34.65 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 50-70 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples



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

Background

Target 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.

Synonyms : Fractalkine; Neurotactin; Cx3cl1; Cx3c; Fkn; ABCD-3; C3Xkine; CXC3; CXC3C; NTN; NTT; SCYD1

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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