

Human Fractalkine/CX3CL1 (His Tag) recombinant protein



Catalog Number: 501848

General Information

Gene Name Synonym

cDNA, FLJ94424, Homo sapiens chemokine (C-X3-C motif) ligand 1 (CX3CL1)

Protein Construction

A DNA sequence encoding the human CX3CL1 (NP_002987.1) extracellular domain (Met 1-Arg 339) with a C-terminal polyhistidine tag was expressed.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to compete with biotinylated recombinant human CX3CL1-His for binding to immobilized recombinant mouse CD4-his (Cat:503011) in a functional ELISA.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Gln 25

Molecular Mass

The secreted recombinant human CX3CL1 comprises 329 amino acids with a predicted molecular mass of 35 kDa. As a result of different glycosylation, rhCX3CL1 migrates between 50-70 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

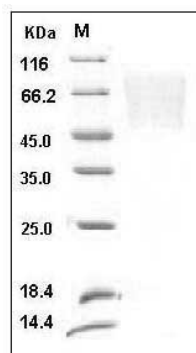
Storage

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



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