

RP00636

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# Recombinant Mouse CX3CL1/Fractalkine Protein

Catalog No.: RP00636

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
Mouse	20312	O35188

### Tags

C-6×His

### Synonyms

CX3CL1;Fractalkine;Cx3cl1;Cx3c;Fkn;Scyd1;CX3CL1

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH7.4. Contact us for customized product form or formulation.

### Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## Background

Fractalkine(CX3CL1) is a single-pass type I membrane protein and belongs to the intercrine delta family. It consists of an extracellular NH<sub>2</sub>-terminal domain, a mucin-like stalk, a transmembrane α helix, and a short cytoplasmic tail. CX3CL1 exists in two forms: as a membrane-anchored or as a shed 80-95K glycoprotein. Soluble CX3CL1 is generated by limited proteolysis on the cell surface, and a disintegrin and metalloproteinase 10 (ADAM10) and ADAM17/tumor necrosis factor-α-converting enzyme (ADAM17/TACE) participate in this shedding. It has been suggested that ADAM10 acts in the constitutive shedding, and ADAM17 acts in response to cell activation. The protein may play a role in regulating leukocyte adhesion and migration processes at the endothelium.

## Basic Information

### Description

Recombinant Mouse CX3CL1/Fractalkine Protein is produced by Human cells expression system. The target protein is expressed with sequence (Gln25-Arg337) of mouse CX3CL1/Fractalkine (Accession #O35188) fused with a 6×His tag at the C-terminus.

### Bio-Activity

### Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

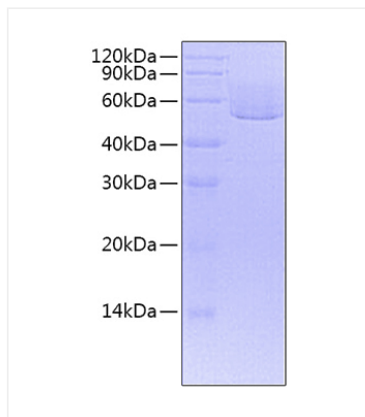
## Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data

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Recombinant Mouse CX3CL1/Fractalkine Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.