

## Active Recombinant Human CX3CL1 protein

Cat. No. CX3CL1-223H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human CX3CL1 protein(P78423)(25-100 aa) was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	25-100 aa
<b>Form</b>	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 50 mM NaCl.
<b>Bio-activity</b>	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human T-lymphocytes is in a concentration of 5.0-10 ng/ml.
<b>Molecular Mass</b>	Approximately 8.6 kDa, a single non-glycosylated polypeptide chain containing 76 amino acids and comprises only the chemokine domain of Human Fractalkine.
<b>AASequence</b>	QHHGVTKCNI TCSKMTSKIP VALLIHQQN QASCGKRAII LETRQHRLFC ADPKEQWVKD AMQHLDQRQA ALTRNG
<b>Endotoxin</b>	Less than 1 EU/µg of rHuFractalkine/CX3CL1 as determined by LAL method.
<b>Purity</b>	>97% by SDS-PAGE and HPLC analyses.

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**Storage**

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

## GENE INFORMATION

**Gene Name**

CX3CL1 chemokine (C-X3-C motif) ligand 1 [ Homo sapiens ]

**Official Symbol**

CX3CL1

**Synonyms**

CX3CL1; chemokine (C-X3-C motif) ligand 1; SCYD1, small inducible cytokine subfamily D (Cys X3 Cys), member 1 (fractalkine, neurotactin); fractalkine; ABCD 3; C3Xkine; CXC3; CXC3C; neurotactin; NTN; C-X3-C motif chemokine 1; small-inducible cytokine D1; CX3C membrane-anchored chemokine; small inducible cytokine subfamily D (Cys-X3-Cys), member-1; small inducible cytokine subfamily D (Cys-X3-Cys), member 1 (fractalkine, neurotactin); NTT; SCYD1; ABCD-3;

**Gene ID**

6376

**mRNA Refseq**

NM\_002996

**Protein Refseq**

NP\_002987

**MIM**

601880

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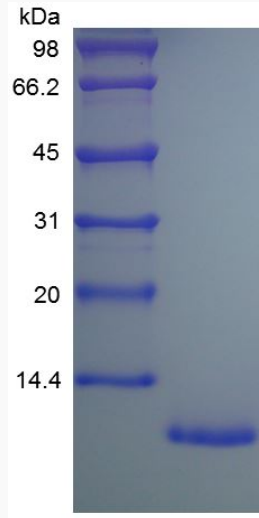
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UniProt ID

P78423

SDS-PAGE



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