

Active Recombinant Human CX3CL1 protein

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

SPECIFICATION

Product Overview	Active Recombinant Human CX3CL1 protein(P78423)(25-100 aa) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	25-100 aa
Form	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 50 mM NaCl.
Bio-activity	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.
Molecular Mass	Approximately 8.6 kDa, a single non-glycosylated polypeptide chain containing 76 amino acids and comprises only the chemokine domain of Human Fractalkine.
AASequence	QHHGVTKCNI TCSKMTSKIP VALLIHYQQN QASCGKRAII LETRQHRLFC ADPKQWVKD AMQHLDQRQA ALTRNG
Endotoxin	Less than 1 EU/µg of rHuFractalkine/CX3CL1 as determined by LAL method.
Purity	>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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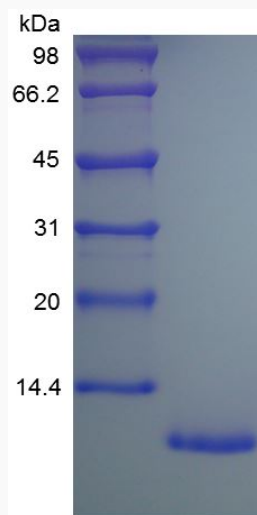
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UniProt ID

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SDS-PAGE

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