

## Active Recombinant Human CX3CL1 protein, His-tagged

**Cat. No.** CX3CL1-86H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human CX3CL1 protein(NP_002987.1)(Met 1-Arg 339) with a C-terminal polyhistidine tag was expressed in HEK293.                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-339 aa                                                                                                                                                                                                                      |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                                         |
| <b>Bio-activity</b>     | Measured by its ability to compete with biotinylated recombinant human CX3CL1-His for binding to immobilized recombinant mouse CD4-his in a functional ELISA.                                                                 |
| <b>Molecular Mass</b>   | 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. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                                               |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                                                              |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                                          |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**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

**UniProt ID** P78423

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