

# Recombinant Full Length Human CX3CL1 Protein, GST-tagged

**Cat. No.** CX3CL1-2221HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| <b>Product Overview</b> | Human CX3CL1 full-length ORF ( AAH01163, 1 a.a. - 397 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | 397 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | CX3CL1 (C-X3-C Motif Chemokine Ligand 1) is a Protein Coding gene. Diseases associated with CX3CL1 include Rheumatoid Vasculitis and Listeria Meningitis. Among its related pathways are Peptide ligand-binding receptors and Chemokine Superfamily Pathway: Human/Mouse Ligand-Receptor Interactions. GO annotations related to this gene include receptor binding and chemokine activity.                                                  |
| <b>Molecular Mass</b>   | 69.41 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | MAPISLSWLLRLATFCHLTVLLAGQHVGVTCKNITCSKMTSKIPVALLIHYQQNQASC<br>GKRAIILETRQHRFLFCADPKEQWVKDAMQHLDRQAAALTRNGGTFEKGIGEVKPRRT<br>TPAAGGMDESVVLEPEATGESSSLEPTPSSQEAQRALGTSPELPTGVTGSSGTRLRP<br>PTPKAQDGGPVGTGLFRVPPVSTAATWQSSAPHQPGPSLWAEAKTSEAPSTQDPS<br>TQASTASSPAPEENAPSEGQRVWGQGQSPRPENSLEREEMGPVPAHTDAFQDWG<br>PGSMAHVSVVPVSSEGTSPREPVASGSWTPKAEPIHATMDPQRLGVLITPVPDAQ<br>AATRRQAVGLLAFLGLLFLGLGVAMFTYQSLQGCPRKMAGEMAEGRLYIPRSCGSNS<br>YVLVPV |

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| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                                                                                       |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Gene Name</b>        | CX3CL1 chemokine (C-X3-C motif) ligand 1 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Official Symbol</b>  | CX3CL1                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>         | 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 |
| <b>Gene ID</b>          | 6376                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>      | NM_002996                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Refseq</b>   | NP_002987                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>MIM</b>              | 601880                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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