

## Recombinant Canine CX3CL1, Fc tagged

**Cat. No.** CX3CL1-177C    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                                                 |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Canine CX3CL1 (H1ADY9) (Met1-Arg379), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.                                                                                                                        |
| <b>Species</b>              | Canine                                                                                                                                                                                                                                                          |
| <b>Source</b>               | Human Cells                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>        | 1-379 a.a.                                                                                                                                                                                                                                                      |
| <b>Predicted N Terminal</b> | Gln 25                                                                                                                                                                                                                                                          |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.                                                                                                                                 |
| <b>Molecular Mass</b>       | The recombinant canine CX3CL1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 596 amino acids and has a predicted molecular mass of 64.4 kDa. The apparent molecular mass of the protein is approximately 70-100 kDa in SDS-PAGE under reduci |
| <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>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                                                                                       |

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**Storage**

Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. 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 [?Canis lupus familiaris?(dog) ]

**Official Symbol**

CX3CL1

**Gene ID**

487265

**mRNA Refseq**

NM\_001284456

**Protein Refseq**

NP\_001271385

**Chromosome  
Location**

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