

## Recombinant Canine CX3CL1, LEVLFQ tagged

Cat. No. CX3CL1-176C Lot. No. (See product label)

### SPECIFICATION

|                             |   |
|-----------------------------|---|
| <b>Product Overview</b>     | Recombinant Canine CX3CL1 (H1ADY9) (Met1-Arg379), fused with six amino acids (LEVLFQ) 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 is a disulfide-linked homodimer. The reduced monomer comprises 362 amino acids and has a predicted molecular mass of 38.2 kDa. The apparent molecular mass of the protein is approximately 64-69 kDa in SDS-PAGE under reducing c |
| <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** 2

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