

## Recombinant Rat Cx3cl1 protein, His-tagged

**Cat. No.** Cx3cl1-768R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Cx3cl1 aa. (Trp81~Gln337 (Accession # O55145)) fused with N-terminal His tag was produced in E. coli cells. |
| <b>Species</b>          | Rat                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                      |
| <b>ProteinLength</b>    | Trp81~Gln337                                                                                                                |
| <b>Description</b>      | Chemokine that binds its receptor CX3CR1; induces chemotaxis and increased intracellular calcium levels in microglia.       |
| <b>Form</b>             | Freeze-dried powder                                                                                                         |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 28.4kDa                                                                                           |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                                |
| <b>Purity</b>           | > 95%                                                                                                                       |
| <b>Characteristic</b>   | The isoelectric point is 5.6.                                                                                               |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP                                                                                                     |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by                                        |

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage buffer**

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4

## GENE INFORMATION

**Gene Name**

Cx3cl1 C-X3-C motif chemokine ligand 1 [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

Cx3cl1

**Synonyms**

Cx3cl1; C-X3-C motif chemokine ligand 1; Cx3c; Scyd1; fractalkine; C-X3-C motif chemokine 1; CX3C membrane-anchored chemokine; chemokine (C-X3-C motif) ligand 1; neurotactin; small inducible cytokine subfamily D, 1; small-inducible cytokine D1

**Gene ID**

89808

**mRNA Refseq**

NM\_134455.1

**Protein Refseq**

NP\_604450.1

**UniProt ID**

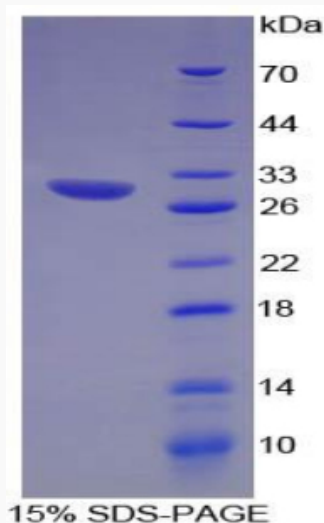
O55145

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SDS-PAGE



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