

Recombinant Rat Cx3cl1 protein, His-tagged

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

SPECIFICATION

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

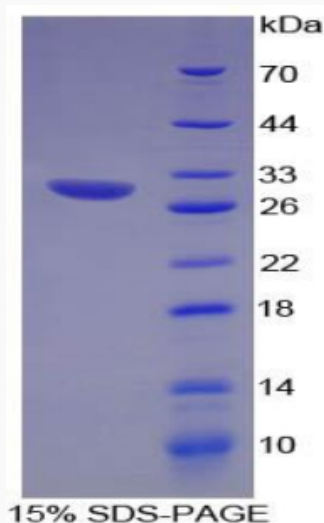
O55145

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SDS-PAGE



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