

Recombinant Mouse Cx3cl1 Protein, His-tagged

Cat. No. Cx3cl1-879M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cx3cl1 Protein (Gln83-Pro330) with His tag was expressed in 293F.
Species	Mouse
Source	HEK293
ProteinLength	Gln83-Pro330
Description	Enables CX3C chemokine receptor binding activity and chemokine activity. Acts upstream of or within several processes, including angiogenesis involved in wound healing; leukocyte chemotaxis; and negative regulation of extrinsic apoptotic signaling pathway in absence of ligand. Located in several cellular components, including cell surface; neuron projection; and neuronal cell body. Is expressed in several structures, including brain; genitourinary system; gut; nose; and respiratory system. Human ortholog(s) of this gene implicated in Cor pulmonale and common cold. Orthologous to human CX3CL1 (C-X3-C motif chemokine ligand 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.8 kDa; Accurate Molecular Mass: 60 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Cx3cl1 chemokine (C-X3-C motif) ligand 1 [Mus musculus (house mouse)]
Official Symbol	Cx3cl1
Synonyms	CX3CL1; chemokine (C-X3-C motif) ligand 1; fractalkine; neurotactin; C-X3-C motif chemokine 1; small-inducible cytokine D1; CX3C membrane-anchored chemokine; small inducible cytokine subfamily D, 1; CX3C; Cxc3; Scyd1; ABCD-3; AB030188; AI848747; D8Bwg0439e;
Gene ID	20312
mRNA Refseq	NM_009142
Protein Refseq	NP_033168

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UniProt ID

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