Recombinant Human CX3CL1, Fc-tagged

Cat. No. CX3CL1-209H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human CX3CL1 (aa 25-100) is fused to the N-terminus of the Fc region of human IgG1.
Species	Human
Source	CHO
Description	CX3CL1 [Fractalkine] is expressed on TNF-α and IL-1 activated endothelial cells (ECs) and binds to CX3CR1. CX3CL1 can exist in 2 forms, as membrane-anchored or as a shed 95-kDa glycoprotein. The soluble CX3CL1 has potent chemoattractant activity for T cells and monocytes, and the cell surface bound protein, which is induced on activated primary endothelial cells, promotes strong adhesion of those leukocytes. CX3CL1 may play a role in regulating leukocyte adhesion and migration processes at the endothelium.
Form	Lyophilized from 0.2μm-filtered solution in PBS.
Purity	≥98% (SDS-PAGE)
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. Avoid freeze/thaw cycles.

GENE INFORMATION

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Gene Name	CX3CL1 chemokine (C-X3-C motif) ligand 1 [Homo sapiens]
Official Symbol	CX3CL1
Synonyms	CX3CL1; chemokine (C-X3-C motif) ligand 1; SCYD1, small inducible cytokine subfamily D (Cys X3 Cys), member 1 (fractalkine, neurotactin); fractalkine; ABCD 3; C3Xkine; CXC3; CXC3C; neurotactin; NTN; C-X3-C motif chemokine 1; small-inducible cytokine D1; CX3C membrane-anchored chemokine; small inducible cytokine subfamily D (Cys-X3-Cys), member-1; small inducible cytokine subfamily D (Cys-X3-Cys), member 1 (fractalkine, neurotactin); NTT; SCYD1; ABCD-3;
Gene ID	6376
mRNA Refseq	NM_002996
Protein Refseq	NP_002987
MIM	601880
UniProt ID	P78423
Chromosome Location	16q13
Pathway	Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Direct p53 effectors, organism-specific biosystem;

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Function	chemokine activity; protein binding; receptor binding;

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