Active Recombinant Human XCL1,HIgG1 Fc-tagged

Cat. No. XCL1-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human XCL1 (AAH70309.1) (Val22-Gly114) is fused to the N-terminus of the Fc region of human IgG1 was expressed in CHO cell
Species	Human
Source	CHO
ProteinLength	22-114 a.a.
Description	This gene encodes a member of the chemokine superfamily. Chemokines function in inflammatory and immunological responses, inducing leukocyte migration and activation. The encoded protein is a member of the C-chemokine subfamily, retaining only two of four cysteines conserved in other chemokines, and is thought to be specifically chemotactic for T cells. This gene and a closely related family member are located on the long arm of chromosome 1
Form	Lyophilized from 0.2μm-filtered solution in PBS.
Bio-activity	Measured by its ability to chemoattract BaF3 mouse pro B cells.
AA Sequence	Val22-Gly114
Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="">
Purity	>98%, by SDS-PAGE under reducing conditions.

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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.
Reconstitution	Reconstitute at 100µg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	XCL1 chemokine (C motif) ligand 1 [Homo sapiens]
Official Symbol	XCL1
Synonyms	XCL1; chemokine (C motif) ligand 1; LTN, SCYC1, small inducible cytokine subfamily C, member 1 (lymphotactin); lymphotactin; ATAC; LPTN; SCM 1; SCM 1a; SCM-1-alpha; lymphotaxin; cytokine SCM-1; c motif chemokine 1; XC chemokine ligand 1; single cysteine motif 1a; small-inducible cytokine C1; small inducible cytokine subfamily C, member 1 (lymphotactin); LTN; SCM1; SCM-1; SCM1A; SCYC1; SCM-1a;
Gene ID	6375
mRNA Refseq	NM_002995
Protein Refseq	NP_002986
MIM	600250
UniProt ID	P47992
Chromosome	1q24.2

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Location	
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; G alpha (q) signalling events, organism-specific biosystem;
Function	chemokine activity; chemokine receptor binding; chemokine receptor binding; protein homodimerization activity;

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