Recombinant Human XCL1 Protein

Cat. No. XCL1-85H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human XCL1 Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	93 amino acid
Description	This construct contains the WT sequence for XCL1. A disulfide bond forms between C11 and C48. It has previously been shown that WT Lymphotactin (XCL1) is able to interconvert between two distinct conformations under physiological conditions. In one conformation, Lymphotactin exists as a monomer and is able to bind to its receptor, XCR1. In the other conformation, XCL1 exists as a dimer and loses its affinity for XCR1.
Form	Lyophilized
Molecular Mass	10.2697 kDa
AA Sequence	VGSEVSDKRT CVSLTTQRLP VSRIKTYTIT EGSLRAVIFI TKRGLKVCAD PQATWVRDVV RSMDRKSNTR NNMIQTKPTG TQQSTNTAVT LTG
Endotoxin	Endotoxin-free <0.01 EU/ug
Purity	Purity assessed by HPLC, Mass Spectrometry, and NMR

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Storage	Store at -20 to -80 centigrade for 12 months; Store at 4 centigrade for 6 months; Store at RT for 1 month.
tmpcolum67	X-C motif chemokine ligand 1

GENE INFORMATION

Gene Name	XCL1 X-C motif chemokine ligand 1 [Homo sapiens (human)]
Official Symbol	XCL1
Synonyms	LTN; ATAC; LPTN; SCM1; SCM-1; SCM1A; SCYC1; SCM-1a
Gene ID	6375
mRNA Refseq	NM_002995
Protein Refseq	NP_002986
MIM	600250
UniProt ID	P47992

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