

Recombinant Human XCL2 Protein

Cat. No. XCL2-86H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human XCL2 Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	93 amino acid
Description	This construct contains the WT sequence for XCL2. A disulfide bond forms between C11 and C48. XCL2 differs from XCL1 by two amino acids at sequence positions 7 and 8. It has previously been shown that WT Lymphotoctin (XCL2) is able to interconvert between two distinct conformations under physiological conditions. In one conformation, Lymphotoctin exists as a monomer and is able to bind to its receptor, XCR1. In the other conformation, Lymphotoctin exists as a dimer and loses its affinity for XCR1.
Form	Lyophilized
Molecular Mass	10.3198 kDa
AA Sequence	VGSEVSHRRT CVSLTTQRLP VSRIKTYTIT EGSLRAVIFI TKRGLKVCAD PQATWVRDVV RSMDRKSNTN NNMIQTKPTG TQQSTNTAVT LTG
Endotoxin	Endotoxin-free <0.01 EU/ug

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Purity	Purity assessed by HPLC, Mass Spectrometry, and NMR
Storage	Store at -20 to -80 centigrade for 12 months; Store at 4 centigrade for 6 months; Store at RT for 1 month.
tmpcolumn67	X-C motif chemokine ligand 2

GENE INFORMATION

Gene Name	XCL2 X-C motif chemokine ligand 2 [Homo sapiens (human)]
Official Symbol	XCL2
Synonyms	SCM1B; SCYC2; SCM-1b
Gene ID	6846
mRNA Refseq	NM_003175
Protein Refseq	NP_003166
MIM	604828
UniProt ID	Q9UBD3

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