

Recombinant Human XCL1, His-tagged

Cat. No. XCL1-28843TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length human Lymphotactin with N terminal His tag; amino acids 22-114 , 12.5kDa.
Species	Human
Source	E.coli
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.
Conjugation	HIS
Tissue specificity	Highest level in spleen, lower in peripheral leukocytes and very low levels in lung, colon and small intestine.
Form	Liquid
Purity	>95% by SDS-PAGE

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Storage buffer	Preservative: None Constituents: 30% Glycerol, 0.2M Sodium chloride, 20mM Tris HCl, 2mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MVGSEVSDKR TCVSLTTQRL PVSRIKTYTI TEGSLRAVIF ITRGLKVCA DPQATWVRDV VRSMDRKSNT RNNMIQTKPT GTQQSTNTAV TLTG
Sequence Similarities	Belongs to the intercrine gamma family.
Full Length	Full L.

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;
Gene ID	6375
mRNA Refseq	NM_002995
Protein Refseq	NP_002986
MIM	600250

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Uniprot ID	P47992
Chromosome Location	1q24.2
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;
Function	chemokine activity; chemokine receptor binding; chemokine receptor binding; protein homodimerization activity;

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