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Datasheet for ABIN1880642

## XCL1 Protein (AA 22-114) (Fc Tag,His tag)

### Overview

Quantity:	50 µg
Target:	XCL1
Protein Characteristics:	AA 22-114
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This XCL1 protein is labelled with Fc Tag,His tag.

### Product Details

Purpose:	Recombinant Human Lymphotactin/LTN/XCL1 (C-Fc-6His)
Sequence:	VGSEVSDKRT CVSLTTQRLP VSRIKTYTIT EGSLRAVIFI TKRGLKVCAD PQATWVRDVV RSMDRKSNTR NNMIQTKPTG TQQSTNTAVT LTGVDDIEGR MDEPKSCDKT HTCPPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE KTISKAKGQP REPQVYTLPP SREEMTKNQV SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSGDS FFLYSKLTVD KSRWQQGNVF SCSVMHEALH NHYTQKSLSL SPGKHHHHHH
Characteristics:	Recombinant Human Lymphotactin/LTN/XCL1 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Val22-Gly114) of Human XCL1 fused with a polyhistidine tag and FC tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered

## Product Details

Endotoxin Level: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test

## Target Details

Target: XCL1

Alternative Name: XCL1 ([XCL1 Products](#))

Sub Type: Fusionprotein

Background: Lymphotoxin, also known as ATAC, C motif chemokine 1, Cytokine SCM-1, Lymphotoxin, SCM-1-alpha, Small-inducible cytokine C1, XC chemokine ligand 1, LTN, SCYC1 and XCL1, is a secreted protein which belongs to the intercrine gamma family. It is also a member of the XC chemokine family. XCL1 is found in spleen with highest level, lower in peripheral leukocytes and very low levels in lung, colon and small intestine. XCL1 plays a role in inflammatory and immunological responses, inducing leukocyte migration and activation. XCL1 induces chemotactic function by binding to a chemokine receptor called XCR1. XCL1 is closely related to another chemokine called XCL2.

Alternative Names: Lymphotoxin, ATAC, C motif chemokine 1, Cytokine SCM-1, Lymphotoxin, SCM-1-alpha, Small-inducible cytokine C1, XC chemokine ligand 1, LTN, SCYC1 and XCL1,

Molecular Weight: 40.4 kDa

UniProt: [P47992](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Activated T Cell Proliferation](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 μg/mL.  
Dissolve the lyophilized protein in ddH<sub>2</sub>O.  
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4 .

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

## Handling

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Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	3 months