**Human XCL1 Protein (His Tag)**

**Catalog Number:** 10672-H08B

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**General Information**

**Gene Name Synonym:**
ATAC; LPTN; LTN; SCM-1; SCM-1a; SCM1; SCM1A; SCYC1

**Protein Construction:**
A DNA sequence encoding the human XCL1 (P47992) (Met 1-Gly 114) was expressed, fused with a polyhistidine tag at the C-terminus.

**Source:** Human

**Expression Host:** Baculovirus-Insect Cells

**QC Testing**

**Purity:** > 85 % as determined by SDS-PAGE

**Endotoxin:**
< 1.0 EU per μg of the protein as determined by the LAL method

**Stability:**
Samples are stable for up to twelve months from date of receipt at -70 °C

**Predicted N terminal:** Val 22

**Molecular Mass:**
The recombinant human XCL1 consists of 103 amino acids and predicts a molecular mass of 11.6 kDa. The apparent molecular mass of rhXCL1 is approximately 15-20 kDa in SDS-PAGE under reducing conditions.

**Formulation:**
Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Concentration specifications are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

**Usage Guide**

**Storage:**
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

**Reconstitution:**
Detailed reconstitution instructions are sent along with the products.

** SDS-PAGE:**

**Protein Description**

This antimicrobial 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.

**References**


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