
Product Data Sheet

Product Name: Lymphotactin Human, His
 Cat. No.: GP21147
 Batch No.: 1

Product Data

| | | | |
|---------------------|--|--------------------|-------------------------|
| Purity | >98% | Source | Escherichia Coli. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Synonyms | XCL1; Cytokine SCM-1; ATAC; Lymphotaxin; SCM-1-alpha; Small inducible cytokine C1; XC chemokine ligand 1; LTN; LPTN; SCM1; SCM-1; SCYC1; SCM-1a. | | |
| Amino Acid Sequence | MGSSHHHHHH SGLVPRGSH MVGSEVSDKR TCVSLTTQRL PVSRIKTYTI TEGSLRAVIF ITKRGLKVCA DPQATWVRDV VRSMRKSNT RNNMIQTKPT GTQQSTNTAV TLTG. | | |
| Formulation | Recombinant XCL1 contains 20mM Tris buffer pH-8, 200mM NaCl, 2mM DTT and 30% glycerol. | | |

Introduction

XCL1 is a small cytokine belonging to the XC chemokine family that is also known as lymphotactin. It is located in high levels in spleen, thymus, intestine and peripheral blood leukocytes, and at lower levels in lung, prostate gland and ovary. Cellular sources for XCL1 include activated thymic and peripheral blood CD8+ T cells. This chemokine attracts T cells. In humans, XCL1 is closely related to another chemokine called XCL2, whose gene is found at the same locus on chromosome 1. XCL1 induces its chemotactic function by binding to a chemokine receptor called XCR1.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

XCL1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 114 amino acids (22-114 a.a.) and having a molecular mass of 12.5

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

kDa. The XCL1 is fused to a 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA