9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Lymphotactin Human, His

Lymphotactin Human Recombinant (XCL1), His Tag
CHK0094

Product Overview

Name	Lymphotactin Human, His
Description	
Lymphotactin Human Recombinant (XCL1), His Tag	
Accession (Primary)	P47992
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.	
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 it chemotactic function by binding to a chemokine receptor called XCR1.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
Recombinant XCL1 contains 20mM Tris buffer pH-8, 200mM NaCl, 2mM DTT and 30% glycerol.	
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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MVGSEVSDKR TCVSLTTQRL PVSRIKTYTI TEGSLRAVIF ITKRGLKVCA DPQATWVRDV VRSMDRKSNT RNNMIQTKPT GTQQSTNTAV TLTG.	
Precautions	

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Lymphotactin Human, His is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P47992)