

Product datasheet for **AR09197PU-L**

XCL1 / Lymphotactin (22-114, His-tag) Human Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | XCL1 / Lymphotactin (22-114, His-tag) human recombinant protein, 0.25 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | <u>MGSSHHHHHH SSSLVPRGSH</u> MVGSEVSDKR TCVSLTTQRL PVSRIKTYTI TEGSLRAVIF ITKRGLKVCA DPQATWVRDV VRSMDRKSNT RNNMIQTKPT GTQQSTNTAV TLTG |
| Tag: | His-tag |
| Predicted MW: | 12.5 kDa |
| Concentration: | lot specific |
| Purity: | >95% by SDS - PAGE |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 30% glycerol, 2 mM DTT, 0.2 M NaCl |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human XCL1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. |
| Note: | (Molecular weight on SDS-PAGE will shift up). |
| Storage: | Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | <u>NP_002986</u> |
| Locus ID: | 6375 |
| UniProt ID: | <u>P47992</u> |
| Cytogenetics: | 1q24.2 |
| Synonyms: | ATAC; LPTN; LTN; SCM-1; SCM-1a; SCM1; SCM1A; SCYC1 |



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Summary:

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. [provided by RefSeq, Sep 2014]

Protein Families:

Druggable Genome, Secreted Protein

Protein Pathways:

Chemokine signaling pathway, Cytokine-cytokine receptor interaction

Product images: