

# Mouse Lymphotactin Recombinant Protein



RPPB1183

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## Product Information    Protein Information

**Product SKU:**

RPPB1183

**Accession:**

P47993

**Host:**

Escherichia Coli.

**Protein description:**

Lymphotactin (XCL1) Mouse Recombinant produced in E.Coli is a non-glycosylated polypeptide chain containing 93 amino acids and having a molecular mass of approximately 10.1kDa. Lymphotactin is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**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.

**Formulation:**

Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.

**Purity:**

reater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized Lymphotactin in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized XCL1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Lymphotactin should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

VGTEVLEESS CVNLQTQRLP VQKIKTYIIW EGAMRAVIFV TKRGLKICAD PEAKWVKAAI KTV DGRASTR  
KNMAETVPTG AQRSTSTAIT LTG.

**Biological Activity:**

The ED<sub>50</sub> as determined by a chemotaxis bioassay using human XCR1 transfected murine BaF3 cells is < 100 ng/ml, corresponding to a specific activity of > 1.0 × 10<sup>4</sup> IU/mg.