

## Product Datasheet

### Recombinant Human Lymphotactin (rHuLymphotactin/XCL1) (orb1494956)

<b>Description</b>	Lymphotactin is the only known member of the C-chemokine family and signals through the receptor XCR1, formally known as GPR5. The spleen shows the highest level of lymphotactin compared to peripheral leukocytes, lung, colon and small intestine. Lymphotactin is chemotactic towards lymphocytes but not towards monocytes or neutrophils.
<b>Endotoxins</b>	Less than 1EU/mg of rHuCXCL13 as determined by LAL method.
<b>Preservatives</b>	Lyophilized from a 0.2mm filtered concentrated solution in 20mM PB, pH 7.4, 150mM NaCl.
<b>Form/Appearance</b>	Lyophilized from a 0.2mm filtered concentrated solution in 20mM PB, pH 7.4, 150mM NaCl.
<b>Storage</b>	This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.
<b>Note</b>	For research use only
<b>Application notes</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at -20°C. Further dilutions should be made in appropriate buffered solutions.
<b>Protein Sequence</b>	GSEVSDKRTC VSLTTQRLPVSR IKTYTITEGSLRAVIFITKRGLKVCADPQATWVRDVVRSM DRKSNTRNNMIQTKPTGTQQSTNTAVTLTG
<b>Purity</b>	> 97% by SDS-PAGE and HPLC analyses.
<b>Source</b>	Escherichia coli

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<b>MW</b>	10.0 kDa, a single non-glycosylated polypeptide chain containing 92 amino acids.
<b>Expiration Date</b>	6 months from date of receipt.

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