

## 32-7874: Recombinant Human Lymphotactin/LTN/XCL1 (C-Fc-6His)

**Gene :** XCL1  
**Gene ID :** 6375  
**Uniprot ID :** P47992

### Description

Source: Human Cells.  
MW :40.4kD.

Recombinant Human Lymphotactin is produced by our Mammalian expression system and the target gene encoding Val22-Gly114 is expressed with a Fc, 6His tag at the C-terminus. Lymphotactin is a secreted protein which belongs to the intercrine gamma family. It is also a member of the XC chemokine family. XCL1 is found in spleen with highest level, lower in peripheral leukocytes and very low levels in lung, colon and small intestine. XCL1 plays a role in inflammatory and immunological responses, inducing leukocyte migration and activation. XCL1 induces chemotactic function by binding to a chemokine receptor called XCR1. XCL1 is closely related to another chemokine called XCL2.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4 .  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** VGSEVSDKRTCVSLLTQRLPVSRIKTYTITEGSLRAVIFITKRGKVCADPQATWVRDVVRSMDRKSNTNRNMI QTKPTGTQQSTNTAVTLTGVDIEGRMDEPKSCDKTHTCPPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCV VVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKT ISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSSFFLYSKL TVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGKHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.