Lymphotactin Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human

Cat. No.:

RBG10208005	(5 µg)
RBG10208020	(20 µg)
RBG10208100	(100 µg)

Description

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. Recombinant Human Lymphotactin is a 10.0 kDa protein consisting of 92 amino acid residues.

Amino Acid Sequence

GSEVSDKRTC VSLTTQRLPV SRIKTYTITE GSLRAVIFIT KRGLKVCADP QATWVRDVVR SMDRKSNTRN NMIQTKPTGT QQSTNTAVTL TG

Source

E. coli

Purity

98%

Biological Activity

Determined by its ability to chemoattract human T cells using a concentration of 10.0-100.0 ng/ml.

Endotoxin

Endotoxin level is <0.1 ng/µg of protein (<1EU/µg).

Reconstitution

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Storage, Stability/Shelf Life

-20°C

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