LEC Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: Liver-Expressed Chemokine, CCL16, NCC-4, HCC-4, LMC, LCC-1, MTN-1

Cat. No.:

RBG10203005	(5 µg)
RBG10203020	(20 µg)
RBG10203100	(100 µg)

Description

LEC is a CC chemokine that can signal through the CCR8 and CCR1 receptors. It is expressed in the liver, spleen, and thymus. LEC is chemotactic towards monocytes and lymphocytes, but not neutrophils. Recombinant Human LEC is an 11.2 kDa protein containing 97 amino acid residues, including the four conserved cysteine residues present in CC chemokines.

Research topic

Chemokines, Cytokines and chemokines and related molecules

Amino Acid Sequence

QPKVPEWVNT PSTCCLKYYE KVLPRRLVVG YRKALNCHLP AIIFVTKRNR EVCTNPNDDW VQEYIKDPNL PLLPTRNLST VKIITAKNGQ PQLLNSQ

Source

E. coli

Purity

98%

Biological Activity

Determined by its ability to chemoattract total human monocytes using a concentration range of 10-100 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

HEADQUARTERS: BioVendor Laboratorní medicína, a.s.	Karasek 1767/1	621 00 Brno CZECH REPUBLIC	Phone: +420-549-124-185 Fax: +420-549-211-460	E-mail: Web:	info@biovendor.com sales@biovendor.com www.biovendor.com
AUSTRIA: BioVendor GesmbH	Nußdorfer Straße 20/10	1090 Vienna AUSTRIA	Phone: +43-1-89090-25 Fax: +43-1-89090-2515	E-mail:	infoAustria@biovendor.com
GERMANY, SWITZERLAND: BioVendor GmbH	Otto-Hahn-Straße 16	34123 Kassel GERMANY	Phone: +49-6221-433-9100 Fax: +49-6221-433-9111	E-mail:	infoEU@biovendor.com
USA, CANADA AND MEXICO: BioVendor LLC	128 Bingham Rd. Suite 1300	Asheville, NC 28806 USA	Phone: +1-828-575-9250 +1-800-404-7807 Fax: +1-828-575-9251	E-mail:	infoUSA@biovendor.com