MEC Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: Mucosae-associated Epithelial Chemokine, CCL28, CCK-1

Cat. No.:

RBG10218005	(5 µg)
RBG10218020	(20 µg)
RBG10218100	(100 µg)

Description

MEC is a secreted CC chemokine expressed primarily by epithelial cells of the bronchioles, salivary gland, mammary gland and colon. MEC signals through the CCR10 receptor, and chemoattracts resting CD4, CD8T-cells and eosinophils. MEC contains six cysteines, including the four highly conserved cysteine residues present in CC chemokines. Recombinant Human MEC is a 12.3 kDa protein containing 108 amino acid residues.

Research topic

Chemokines, Cytokines and chemokines and related molecules

Amino Acid Sequence

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SEAILPIASS CCTEVSHHIS RRLLERVNMC RIQRADGDCD LAAVILHVKR RRICVSPHNH TVKQWMKVQA AKKNGKGNVC
HRKKHHGKRN SNRAHQGKHE TYGHKTPY
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Source

E. coli

Purity

98%

Biological Activity

Determined by its ability to chemoattract human lymphocytes using a concentration range of 1.0-10.0 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. 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: info@biovendor.com sales@biovendor.com Web: 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