MEC Murine E. coli

Product Data Sheet

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

Cat. No.:

RBG20096005	(5 µg)
RBG20096020	(20 µg)
RBG20096100	(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, CD8 T-cells and eosinophils. MEC contains six cysteines, including the four highly conserved cysteine residues present in CC chemokines. Recombinant Murine MEC is a 12.6 kDa protein containing 111 amino acid residues.

Research topic

Chemokines, Cytokines and chemokines and related molecules

Amino Acid Sequence

SEAILPMASS CCTEVSHHVS GRLLERVSSC SIQRADGDCD LAAVILHVKR RRICISPHNR TLKQWMRASE VKKNGRENVC SGKKQPSRKD RKGHTTRKHR TRGTHRHEAS R

Source

E. coli

Purity

98%

Biological Activity

Determined by its ability to chemoattract murine 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. 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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