Exodus-2 Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: CCL21, 6Ckine, SLC

Cat. No.:

RBG10128005	(5 µg)
RBG10128020	(20 µg)
RBG10128100	(100 µg)

Description

Exodus-2 is a CC chemokine that signals through the CCR7 receptor. It is expressed in lymph nodes of certain endothelial cells, and in the spleen and appendix. Exodus-2 chemoattracts T and B lymphocytes and inhibits hematopoiesis. Exodus-2 contains six cysteine residues, including the four conserved cysteines present in CC chemokines. Recombinant Human Exodus-2 is a 12.2 kDa protein containing 111 amino acid residues.

Research topic

Chemokines, Cytokines and chemokines and related molecules, Immune Response, Infection and Inflammation, Immunology

Amino Acid Sequence

SDGGAQDCCL KYSQRKIPAK VVRSYRKQEP SLGCSIPAIL FLPRKRSQAE LCADPKELWV QQLMQHLDKT PSPQKPAQGC RKDRGASKTG KKGKGSKGCR KTERSQTPKG P

Source

E. coli

Purity

98%

Biological Activity

Determined by its ability to chemoattract total lymphocyte population using a concentration range 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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