Eotaxin-2 Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: CCL24

Cat. No.:

RBG10123005	(5 µg)
RBG10123020	(20 µg)
RBG10123100	(100 µg)

Description

Eotaxin-2 is a CC chemokine that signals through the CCR3 receptor. It is produced by activated monocytes and T lymphocytes. Eotaxin-2 selectively chemoattracts cells expressing CCR3, including eosinophils, basophils, Th2 T cells, mast cells, and certain subsets of dendritic cells. Additionally, Eotaxin-2 inhibits the proliferation of multipotential hematopoietic progenitor cells. The mature protein, which also includes a C-terminal truncation, contains 78 amino acid residues (92 a.a. residues for the murine homolog, without C-terminal truncation). Eotaxin-2 contains the four conserved cysteine residues present in CC chemokines. Recombinant Human Eotaxin-2 is an 8.8 kDa protein containing 78 amino acid residues.

Amino Acid Sequence

VVIPSPCCMF FVSKRIPENR VVSYQLSSRS TCLKGGVIFT TKKGQQFCGD PKQEWVQRYM KNLDAKQKKA SPRARAVA

Source

E. coli

Purity

98%

Biological Activity

Determined by its ability to chemoattract using human peripheral blood eosinophils using a concentration of 50.0-100.0 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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