TARC Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: Thymus and Activation Regulated Chemokine, CCL17, ABCD-2

Cat. No.:	
RBG10304005	(5 µg)
RBG10304020	(20 µg)
RBG10304100	(100 µg)

Description

TARC, a CC chemokine, is predominantly produced by dendritic cells in the thymus, and signals through the CCR4 receptor. TARC is chemotactic towards T cells. Recombinant Human TARC is an 8.0 kDa protein containing 71 amino acid residues, including the four conserved cysteine residues present in CC chemokines.

Research topic

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

Amino Acid Sequence

ARGTNVGREC CLEYFKGAIP LRKLKTWYQT SEDCSRDAIV FVTVQGRAIC SDPNNKRVKN AVKYLQSLER S

Source

E. coli

Purity

98%

Biological Activity

Determined by its ability to chemoattract human T cells 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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