HCC-1 Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: CCL14

Cat. No.:

RBG10174002	(2 µg)
RBG10174010	(10 µg)
RBG10174100	(100 µg)

Description

HCC-1 is a CC chemokine that signals through the CCR1 receptor and chemoattracts blood monocytes. It is secreted by various tissues, including skeletal muscle, heart, spleen, liver and bone marrow. Mature HCC-1 is found in four different forms, which are distinguished by differential N-terminal trucation and contain 74, 72, 71, or 66 amino acid residues. Recombinant Human HCC-1 is an 8.4 kDa protein consisting of 72 amino acids, including the four highly conserved residues present in CC chemokines.

Amino Acid Sequence

TESSSRGPYH PSECCFTYTT YKIPRQRIMD YYETNSQCSK PGIVFITKRG HSVCTNPSDK WVQDYIKDMK EN

Source

E. coli

Purity

98%

Biological Activity

Determined by its ability to chemoattract human monocytes using a concentration range of 5.0-20.0 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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