



HCC-1 (CCL14), His Tag, human recombinant (rHuHCC-1-His)

Catalog No: 97473
Lot No: XXXXX
Source: *E. coli*
Synonyms: Small inducible cytokine A14, CCL14, Chemokine CC-1/CC-3, HCC-1/HCC-3, HCC-1(1-74), NCC-2, chemokine (C-C motif) ligand 14, CC-1, CC-3, CKb1, MCIF, SY14, HCC-1, HCC-3, SCYL2, SCYA14

Background

Chemokine (C-C motif) ligand 14 (CCL14) is a small cytokine belonging to the CC chemokine family. It is also commonly known as HCC-1. It is produced as a protein precursor that is processed to generate a mature active protein containing 74 amino acids that and is 46% identical in amino acid composition to CCL3 and CCL4. This chemokine is expressed in various tissues including spleen, bone marrow, liver, muscle, and gut. CCL13 activates monocytes, but does not induce their chemotaxis. Human CCL13 is located on chromosome 17 within a cluster of other chemokines belonging to the CC family.

Description

HCC-1 human recombinant fused with a 21 amino acid His Tag at N-terminus produced in *E. coli* is a single, non-glycosylated, polypeptide chain containing 95 amino acids (20-93) and having a molecular mass of 10.9 kDa. HCC-1 is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile filtered colorless solution.

Formulation

The HCC-1 solution (0.5 mg/ml) contains phosphate buffered saline pH 7.4 containing 10% glycerol.

Stability

HCC-1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino Acid Sequence

MGSSHHHHHH SSSLVPRGSH MTKTESSSRG PYHPSECCFT YTTYKIPRQR IMDYYETNSQ CSKPGIVFIT KRGHVSVCTNP
SDKWVQDYIK DMKEN

Usage

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