
Product Data Sheet

Product Name: HCC 1 Human, His
 Cat. No.: GP21124
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MTKTESSSRG PYHPSECCFT YTTYKIPRQR IMDYYETNSQ CSKPGIVFIT KRGHSVCTNP SDKWVQDYIK DMKEN.		
Formulation	The HCC-1 solution (0.5 mg/ml) contains Phosphate Buffered Saline pH7.4 containing 10% glycerol.		

Introduction

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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

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-

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93 a.a.) and having a molecular mass of 10.9kDa. The HCC-1 is purified by proprietary chromatographic techniques.

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