

Human HCC-1 / CCL14 (66aa)

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.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
2 µg	1459.950.002		
10 µg	1459.950.010		
1 mg	1459.950.199		

Please enquire for bulk quantities and other vial sizes

Description

HCC-1 Human Recombinant produced in *E.Coli* is a single, non-glycosylated, polypeptide chain containing 66 amino acids and having a molecular mass of 7.8kDa.

- **Source** *E. Coli*
- **Purity** ≥ 97 % (SDS-PAGE, RP-HPLC)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** The CCL14 protein was lyophilized from a 0.2µm filtered concentrated solution in 1×PBS, pH 7.4 and 5% trehalose*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

The Biological activity is determined by its ability to chemoattract human monocytes using a concentration range of 5.0-20.0 ng/ml.

Reconstitution

We recommend a quick spin followed by reconstitution in sterile water to a concentration of at least 100 µg/ml, which can then be further diluted to other aqueous solutions. Do not vortex.

Stability

Lyophilized HCC1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL14 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

GPYHPSECCF TYTTYKIPRQ RIMDYETNS QCSKPGIVFI TCRGHSVCTN PSDKWWQDYI KDMKEN

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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