

Human HCC 1 (66 a.a.) Recombinant Protein



RPPB1158

Product Information Protein Information

Product SKU:

RPPB1158

Accession:

Q16627

Host:

Escherichia Coli.

Protein 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. The HCC-1 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

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.

Formulation:

The CCL14 protein was lyophilized from a 0.2µm filtered concentrated solution in 1×PBS, pH 7.4 and 5% trehalose.

Purity:

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized HCC-1 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

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 prevent freeze-thaw cycles.

Amino Acid Sequence:

GPYHPSECCF TYTTYKIPRQ RIMDYETNS QCSKPGIVFI TCRGHSVCTN PSDKVVQDYI KDMKEN.

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.