

HCC-1 Human Recombinant (CCL14) (66 a.a.)

Item Number	rAP-0165
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.
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.
Uniprot Accesion Number	Q16627
Amino Acid Sequence	GPYHPSECCF TYTTYKIPRQ RIMDYYETNS QCSKPGIVFI TKRGHSVCTN PSDKWVQDYI KDMKEN.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	The CCL14 protein was lyophilized from a 0.2μm filtered concentrated solution in 1×PBS, pH 7.4 and 5% trehalose. Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
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.
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.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**