



Technical Data Sheet

Recombinant Human Hemofiltrate CC Chemokine-1 (rHu HCC-1 /CCL14)

Human HCC-1 /CCL14

HCC-1 is a CC chemokine that signals through the CCR1 receptor and chemoattracts blood monocytes. It is secreted by various tissues including skeletal muscle, heart, spleen, liver and bone marrow.

Catalog Number:	RC315-25
Source:	<i>Escherichia coli</i> .
Molecular Weight:	8.4 kDa, a single non-glycosylated polypeptide chain containing 72 amino acids.
Quantity:	2ug/10ug/1mg
Purity:	>96% by SDS-PAGE and HPLC analyses.
Biological Activity:	Fully biologically active when compared to standard. Determined by its ability to chemoattract human monocytes using a concentration range of 5.0-20.0 ng/ml.
Physical Appearance:	Sterile Filtered White lyophilized (freeze-dried) powder.
Formulation:	Lyophilized from a 0.2µm filtered concentrated (1.0mg/ml) solution in 20mM PB, pH 7.4, 100mM NaCl.
AA Sequence:	TESSSRGPYH PSECCFTYTT YKIPRQRIMD YYETNSQCSK PGIVFITKRG HSVCTNPSDK WVQDYIKDMK EN
Endotoxin:	Less than 1EU/µg of rHuHCC-1/CCL14 as determined by LAL method.
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤-20°C. Further dilutions should be made in appropriate buffered solutions.
Storage:	This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.
Usage:	This material is offered by Bio Basic Inc. for research, laboratory or further evaluation purposes. NOT FOR HUMAN USE.