



Synonym

C-C motif chemokine 14,Chemokine CC-1,CC-3,HCC-1,HCC-3,HCC-1(1-74),NCC-2,Small-inducible cytokine A14,CCL14,NCC2, SCYA14

Source

Human CCL14, His Tag(CC4-H5249) is expressed from human 293 cells (HEK293). It contains AA Thr 20 - Asn 93 (Accession # [Q16627-1](#)).

Predicted N-terminus: His

Molecular Characterization

Poly-his

CCL14(Thr 20 - Asn 93)
Q16627-1

This protein carries a polyhistidine tag at the N-terminus.

The protein has a calculated MW of 10.7 kDa. The protein migrates as 14-15 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per μ g by the LAL method / rFC method.

Purity

>95% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 μ m filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Storage

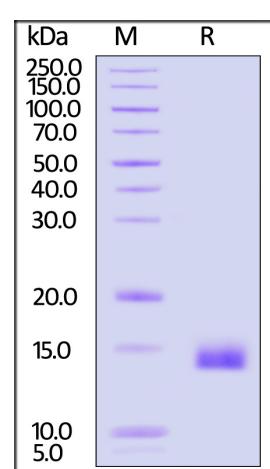
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE



Human CCL14, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.

Background

CCL14 has weak activity on human monocytes and acts via receptors that also recognize MIP-1 alpha. It induces intracellular Ca^{2+} changes and enzyme release, but no chemotaxis, at concentrations of 100-1,000 nM, and is inactive on T-lymphocytes, neutrophils, and eosinophil leukocytes. Enhances the proliferation of CD34 myeloid progenitor cells. The processed form HCC-1(9-74) is a chemotactic factor that attracts monocytes, eosinophils, and T-cells and is a ligand for CCR1, CCR3 and CCR5.

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Human CCL14 / HCC-1 Protein, His Tag

Catalog # CC4-H5249



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