HUMAN CCL14 (C-6HIS) PROTEIN

Cat.#: 12090

Product Name: Human CCL14 (C-6His) Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: 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

Target: CCL14

UNIPROT ID: Q16627

Description: Recombinant Human C-C Motif Chemokine 14 is produced by our Mammalian expression system and the target gene encoding Thr20-Asn93 is expressed with a 6His tag at the C-terminus.

Background: Chemokine (C-C motif) Ligand 14 (CCL14) is a small cytokine belonging to the CC chemokine family. It is produced as a protein precursor that is processed to generate a mature active protein containing 74 amino acids that and is 46% identical in amino acid composition to CCL3 and CCL4. This chemokine is expressed in various tissues including spleen, bone marrow, liver, muscle, and gut. CCL14 activates monocytes, but does not induce their chemotaxis. Human CCL14 is located on chromosome 17 within a cluster of other chemokines belonging to the CC family.

Species/Host: HEK293

Molecular Weight: 9.71 KDa

Molecular Characterization: Not available

Purity: Greater than 95% as determined by reducing SDS-PAGE.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

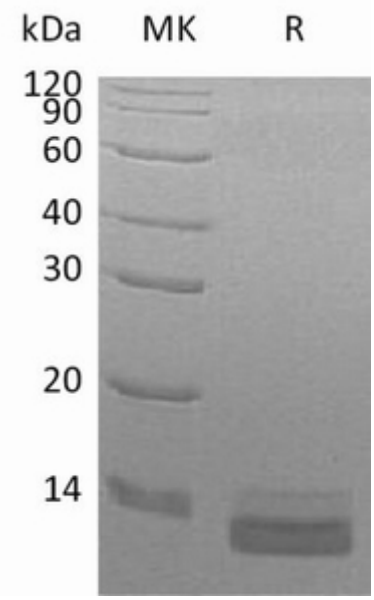

Figure 1. Greater than 95% as determined by reducing SDS-PAGE.