

HUMAN CCL8 (C-6HIS) PROTEIN

Cat.#: 12076

Product Name: Human CCL8 (C-6His) Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: C-C Motif Chemokine 8;HC14;Monocyte Chemoattractant Protein 2;Monocyte Chemotactic Protein 2;MCP-2;Small-Inducible Cytokine A8;CCL8;MCP2;SCYA10;SCYA8

Target: CCL8

UNIPROT ID: AAI26243.1

Description: Recombinant Human C-C Motif Chemokine 8 is produced by our Mammalian expression system and the target gene encoding Gln24-Pro99 is expressed with a 6His tag at the C-terminus.

Background: Human Chemokine (C-C Motif) Ligand 8 (CCL8) is produced by human MG63 osteosarcoma cells. CCL8 shares 62% and 58% amino acid sequence identity with MCP-1 and MCP-3, respectively. All three MCP proteins are monocyte chemoattractants. CCL8 is chemotactic for and activates many different immune cells, including mast cells, eosinophils and basophils, which are implicated in allergic response, and monocytes, T cells, and NK cells that are involved in the inflammatory response. CCL8 elicits its effects by binding to several different cell surface receptors including CCR1, CCR2B and CCR5.

Species/Host: HEK293

Molecular Weight: 9.95 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.

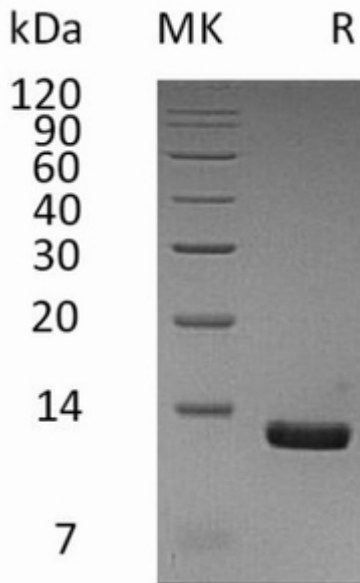


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.