HUMAN CCR4(1-39) PROTEIN, MFC TAG

Cat.#: 11780

Product Name: Human CCR4(1-39) Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: CC-CKR-4;CD194;ChemR13;CKR4;CMKBR4;HGCN:14099;K5-5

Target: CCR4

UNIPROT ID: P51679

Description: Recombinant human CCR4(1-39) protein with C-terminal mouse Fc tag

Background: The protein encoded by this gene belongs to the G-protein-coupled receptor family . It is a receptor for the CC chemokine - MIP-1, RANTES, TARC and MCP-1. Chemokines are a group of small polypeptide, structurally related molecules that regulate cell trafficking of various types of leukocytes. The chemokines also play fundamental roles in the development, homeostasis, and function of the immune system, and they have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 30.7 kDa after removal of the signal peptide. The apparent molecular mass of CCR4(1-39)-mFc is approximately 35-55 kDa due to glycosylation.

Molecular Characterization: CCR4(1-39)(Met1-Glu39) mFc(Pro99-Lys330)

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

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.

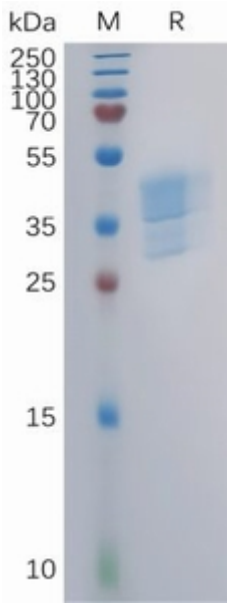

Figure 1. Human CCR4(1-39) Protein, mFc Tag on SDS-PAGE under reducing condition.