HUMAN CCR8 FULL LENGTH PROTEIN

Cat.#: 12225
Product Name: Human CCR8 Full Length Protein
Size : 10 µg, 50 µg and 100 µg
Synonyms: CC-CKR-8; CCR-8; CDw198; CKRL1; CMKBR8; CMKBRL2; CY6; GPRCY6; TER1
Target: CCR8
UNIPROT ID: P51685
Description: Human CCR8 full length protein membrane nanoparticles (MNPs)
Background: A member of the beta chemokine receptor family,which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. Chemokines and their receptors are important for the migration of various cell types into the inflammatory sites. This receptor protein preferentially expresses in the thymus. I-309,thymus activation-regulated cytokine (TARC) and macrophage inflammatory protein-1 beta (MIP-1 beta) have been identified as ligands of this receptor. Studies of this receptor and its ligands suggested its role in regulation of monocyte chemotaxis and thymic cell apoptosis. More specifically,this receptor may contribute to the proper positioning of activated T cells within the antigenic challenge sites and specialized areas of lymphoid tissues. This gene is located at the chemokine receptor gene cluster region.
Species/Host: HEK293
Molecular Weight: The human full length CCR8 Protein has a MW of 40.7 kDa
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.

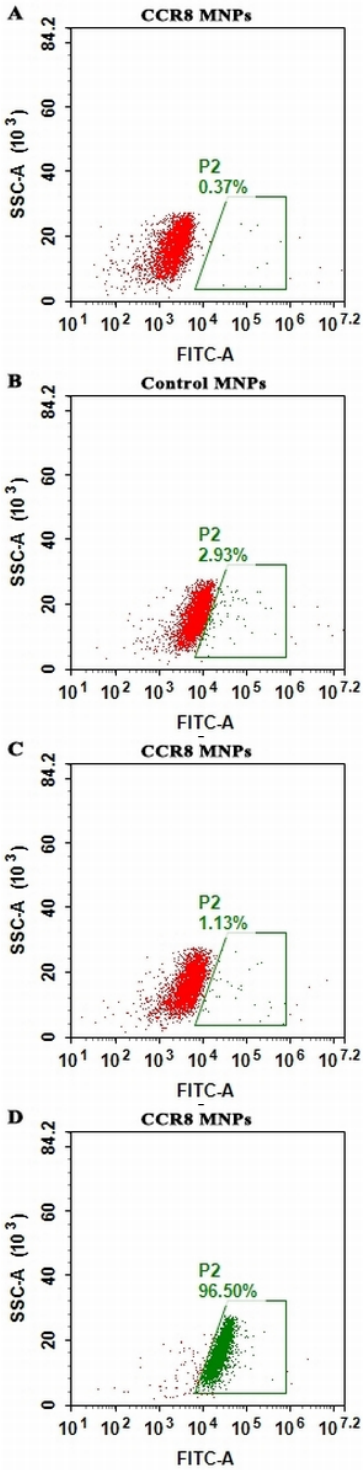

Figure 1. FACS analysis of CCR8 MNPs A. Negative Control 1: CCR8 full length membrane nanoparticles samples were stained only with Goat anti-human IgG 488 secondary antibody. B. Negative Control 2: Control membrane nanoparticles samples were stained with anti-CCR8 antibody (28070) at 2 µg/ml, followed by Goat anti-human IgG 488 secondary antibody. C. Negative Control 3: CCR8 full length membrane nanoparticles samples were stained with anti-Claudin 18.2 antibody ï¼an irrelevant antibody) at 2 µg/ml, followed by Goat anti-human IgG 488 secondary antibody. D. CCR8 full length membrane nanoparticles samples were stained with anti-CCR8 antibody (28070) at 2 µg/ml, followed by Goat anti-human IgG 488 secondary antibody.

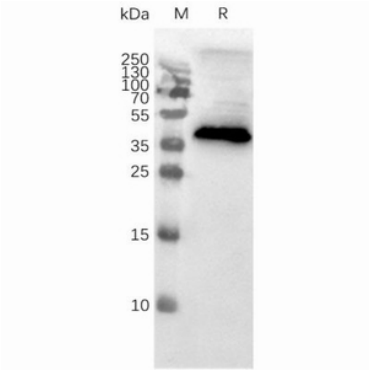

Figure 2. Western blot of CCR8 MNPs