HUMAN CCR7 FULL LENGTH PROTEIN

目录: 11041
产品名称: Human CCR7 Full Length Protein
规格: 10 µg, 50 µg and 100 µg
基因符号: BLR2; CC-CKR-7; CCR-7; CD197; CDw197; CMKBR7; EBI1
Target: CCR7
UNIPROT ID: P32248
描述: Human CCR7 full length protein-synthetic nanodisc
背景: The protein is a member of the G protein-coupled receptor family. This receptor was identified as a gene induced by the Epstein-Barr virus (EBV), and is thought to be a mediator of EBV effects on B lymphocytes. This receptor is expressed in various lymphoid tissues and activates B and T lymphocytes. It has been shown to control the migration of memory T cells to inflamed tissues, as well as stimulate dendritic cell maturation. The chemokine (C-C motif) ligand 19 (CCL19/ECL) has been reported to be a specific ligand of this receptor. Signals mediated by this receptor regulate T cell homeostasis in lymph nodes, and may also function in the activation and polarization of T cells, and in chronic inflammation pathogenesis.
Species/Host: HEK293
Molecular Weight: The human full length CCR7 protein has a MW of 42.9 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.
储存和运输: 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.

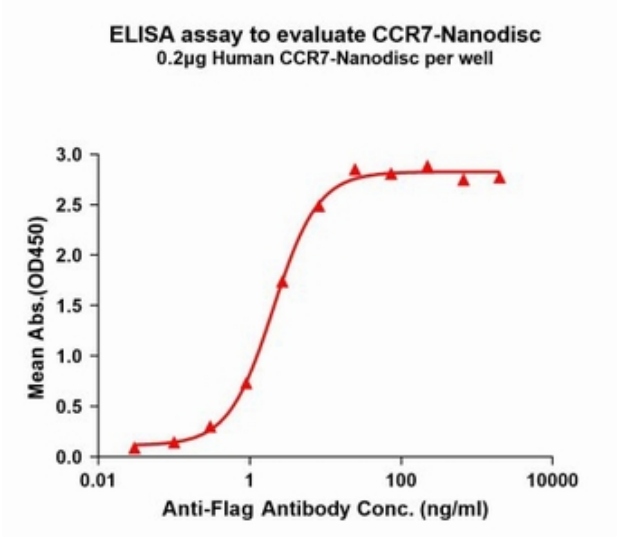

Figure1. Elisa plates were pre-coated with Flag Tag CCR7-Nanodisc (0.2 μg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with CCR7-Nanodisc is 2.044ng/ml.

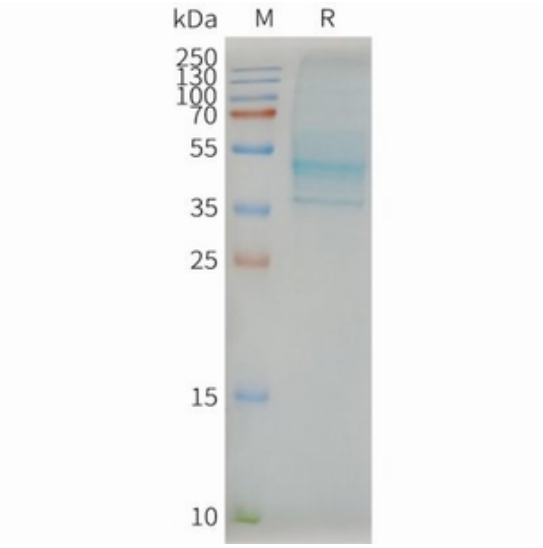

Figure2. Human CCR7-Nanodisc, Flag Tag on SDS-PAGE