Human CCR10 full length protein-synthetic nanodisc

Cat. No. FLP100219

## PRODUCT INFORMATION

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|---|---|
| **Tag** | **Warning**: Undefined variable $hasAttributeValueDescription in **/www/wwwroot/tech.dimabio.cn/wp-content/plugins/woocommerce-print-products/public/class-woocommerce-print-products-public.php** on line **2806**<br>C-Flag Tag |
| **Target** | CCR10 |
| **Synonyms** | GPR2 |
| **Description** | Human CCR10 full length protein-synthetic nanodisc |
| **Delivery** | In Stock |
| **Uniprot ID** | P46092 |
| **Expression Host** | HEK293 |
| **Protein Families** | Druggable Genome, GPCR, Transmembrane |
| **Protein Pathways** | Chemokine signaling pathway, Cytokine-cytokine receptor interaction |
| **Molecular Weight** | The human full length CCR10 protein has a MW of 38.4 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. Please see Certificate of Analysis for |
| **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. |
| **Background** | Chemokines are a group of small (approximately 8 to 14 kD), mostly basic, structurally related molecules that regulate cell trafficking of various types of leukocytes through interactions with a subset of 7-transmembrane, G protein-coupled receptors. 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. Chemokines are divided into 2 major subfamilies, CXC and CC, based on the arrangement of the first 2 of the 4 conserved cysteine residues; the 2 cysteines are separated by a single amino acid in CXC chemokines and are adjacent in CC chemokines. CCR10 is the receptor for CCL27 (SCYA27; MIM 604833); CCR10-CCL27 interactions are involved in T cell-mediated skin inflammation. |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |

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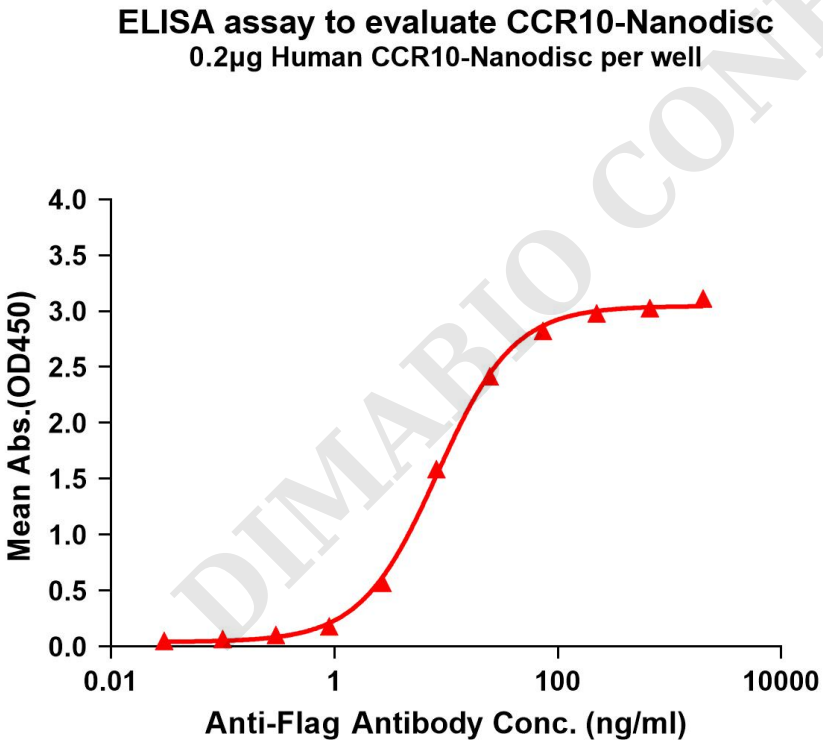



Figure 1. Elisa plates were pre-coated with Flag Tag CCR10-Nanodisc (0.2μg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with CCR10-Nanodisc is 8.343ng/ml.

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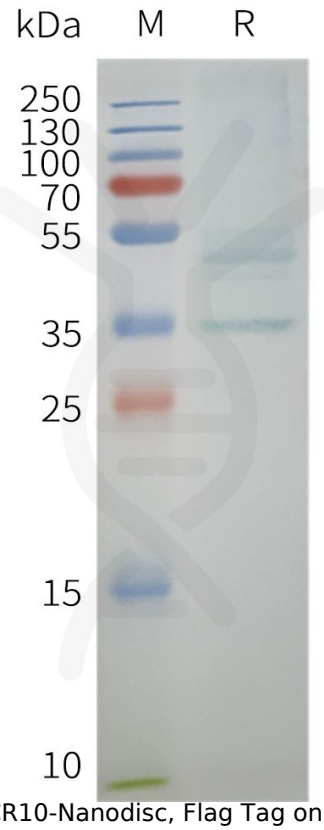



Figure 2. Human CCR10-Nanodisc, Flag Tag on SDS-PAGE

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