

HUMAN CX3CR1 FULL LENGTH PROTEIN

目录: 11096

产品名称: Human CX3CR1 Full Length Protein

规格: 10 µg; 50 µg and 100 µg

基因符号: CCR1; CMKBRL1; CMKDR1; GPR13; GPRV28; V28

Target: CX3CR1

UNIPROT ID: P49238

描述: Human CX3CR1 Full Length Protein-Synthetic Nanodisc

背景: Fractalkine is a transmembrane protein and chemokine involved in the adhesion and migration of leukocytes. The protein encoded by this gene is a receptor for fractalkine. The encoded protein also is a coreceptor for HIV-1, and some variations in this gene lead to increased susceptibility to HIV-1 infection and rapid progression to AIDS.

Species/Host: HEK293

Molecular Weight: The human full length CX3CR1 protein has a MW of 40.4 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.

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.

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Chemokine signaling pathway, Cytokine-cytokine receptor interaction

ELISA assay to evaluate CX3CR1-Nanodisc 0.2µg Human CX3CR1-Nanodisc per well

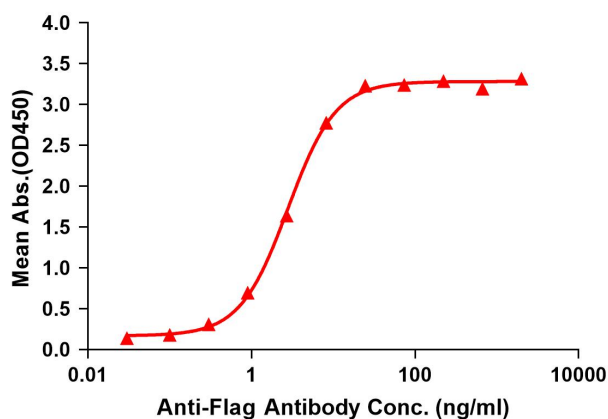


Figure 1. Elisa plates were pre-coated with Flag Tag CX3CR1-Nanodisc (0.2µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with CX3CR1-Nanodisc is 2.796ng/ml.



Figure 2. Human CX3CR1-Nanodisc, Flag Tag on SDS-PAGE