

HUMAN ACKR3 FULL LENGTH PROTEIN

目录: 11076

产品名称: Human ACKR3 Full Length Protein

规格: 10 µg; 50 µg and 100 µg

基因符号: ACKR3; CMKOR1; CXCR-R7; CXCR-7; GPR159; RDC-1; RDC1

Target: CXCR7

UNIPROT ID: P25106

描述: Human CXCR7 Full Length Protein-Synthetic Nanodisc

背景: A member of the G-protein coupled receptor family. Although this protein was earlier thought to be a receptor for vasoactive intestinal peptide (VIP), it is now considered to be an orphan receptor, in that its endogenous ligand has not been identified. The protein is also a coreceptor for human immunodeficiency viruses (HIV). Translocations involving this gene and HMGA2 on chromosome 12 have been observed in lipomas.

Species/Host: HEK293

Molecular Weight: The human full length CXCR7 protein has a MW of 41.5 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: N/A

ELISA assay to evaluate CXCR7-Nanodisc 0.2µg Human CXCR7-Nanodisc per well

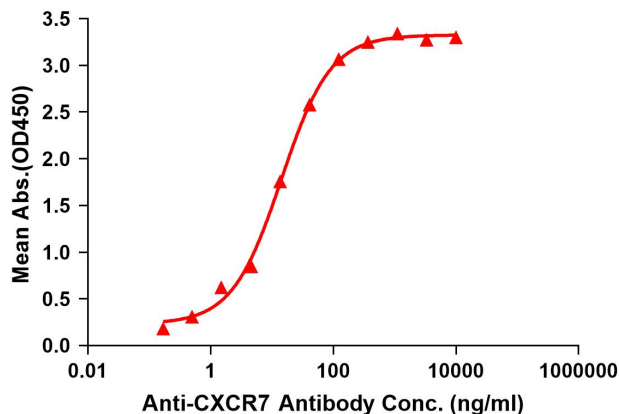


Figure 1. Elisa plates were pre-coated with Flag Tag CXCR7-Nanodisc (0.2µg/per well). Serial diluted CXCR7 monoclonal antibody (28231) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for CXCR7 monoclonal antibody binding with CXCR7-Nanodisc is 14.28ng/ml.

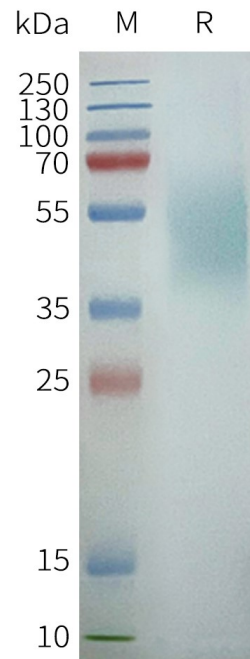


Figure 2. Human CXCR7-Nanodisc, Flag Tag on SDS-PAGE