

PRODUCT INFORMATION

C-Flag Tag Tag **Target** CXCR7

ACKR3; CMKOR1; CXC-R7; CXCR-7; GPR159; **Synonyms**

RDC-1; RDC1

Human CXCR7 full length protein-synthetic **Description**

nanodisc In Stock

Delivery Uniprot ID P25106 **HEK293 Expression Host**

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways

Background

The human full length CXCR7 protein has a MW of **Molecular Weight**

41.5 kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before Formulation & Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

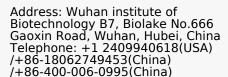
temperature.

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.

Usage Research use only Conjugate Unconjugated







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

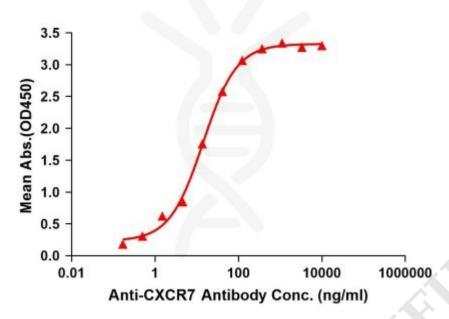


Figure 1. Elisa plates were pre-coated with Flag Tag CXCR7-Nanodisc (0.2µg/per well). Serial diluted anti-CXCR7 monoclonal antibody (DMC100443) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-CXCR7 monoclonal antibody binding with CXCR7-Nanodisc is 14.28ng/ml.

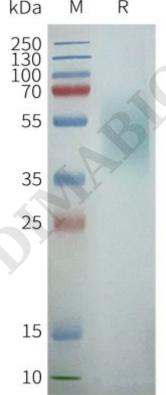


Figure 2. Human CXCR7-Nanodisc, Flag Tag on SDS-PAGE

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