

Active Recombinant Human CXCR4 Full Length Transmembrane protein(Nanodisc)

Cat. No. CXCR4-3954H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCR4 Full Length Transmembrane protein(P61073), was expressed in HEK293.
Species	Human
Source	HEK293
Form	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 specific instructions.
Bio-activity	Elisa plates were pre-coated with Flag Tag CXCR4-Nanodisc (0.2µg/per well). Serial diluted anti-CXCR4 monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-CXCR4 monoclonal antibody binding with CXCR4-Nanodisc is 2442ng/ml.
Molecular Mass	The human full length CXCR4 protein has a MW of 39.7 kDa.
Storage	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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Full Length

Full L.

GENE INFORMATION

Gene Name

CXCR4 chemokine (C-X-C motif) receptor 4 [Homo sapiens]

Official Symbol

CXCR4

Synonyms

CXCR4; chemokine (C-X-C motif) receptor 4; chemokine (C X C motif), receptor 4 (fusin); C-X-C chemokine receptor type 4; CD184; D2S201E; fusin; HM89; HSY3RR; LESTR; NPY3R; NPYR; NPYY3R; CXC-R4; CXCR-4; CD184 antigen; SDF-1 receptor; neuropeptide Y receptor Y3; seven transmembrane helix receptor; stromal cell-derived factor 1 receptor; lipopolysaccharide-associated protein 3; seven-transmembrane-segment receptor, spleen; leukocyte-derived seven transmembrane domain receptor; leukocyte-derived seven-transmembrane-domain receptor; FB22; LAP3; LCR1; WHIM; NPYRL;

Gene ID

7852

mRNA Refseq

NM_001008540

Protein Refseq

NP_001008540

MIM

162643

UniProt ID

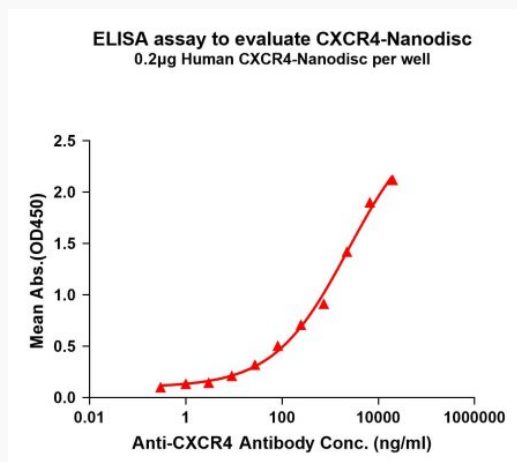
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Activity



SDS-PAGE

