

Active Recombinant Human CCR5 Full Length Transmembrane protein(Nanodisc)

Cat. No. CCR5-582H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Human CCR5 Full Length Transmembrane protein(P51681), 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 CCR5-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 CCR5-Nanodisc is 4.18ng/ml.

Molecular Mass

The human full length CCR5 protein has a MW of 40.5 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.

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Full Length Full L.

GENE INFORMATION

Gene Name [CCR5 chemokine \(C-C motif\) receptor 5 \(gene/pseudogene\) \[Homo sapiens \]](#)

Official Symbol [CCR5](#)

Synonyms CCR5; chemokine (C-C motif) receptor 5 (gene/pseudogene); chemokine (C C motif) receptor 5 , CMKBR5; C-C chemokine receptor type 5; CC CKR 5; CD195; CKR 5; CKR5; IDDM22; chemr13; HIV-1 fusion coreceptor; chemokine receptor CCR5; C-C motif chemokine receptor 5 A159A; CCR-5; CKR-5; CCCKR5; CMKBR5; CC-CKR-5; FLJ78003;

Gene ID [1234](#)

mRNA Refseq [NM_000579](#)

Protein Refseq [NP_000570](#)

MIM [601373](#)

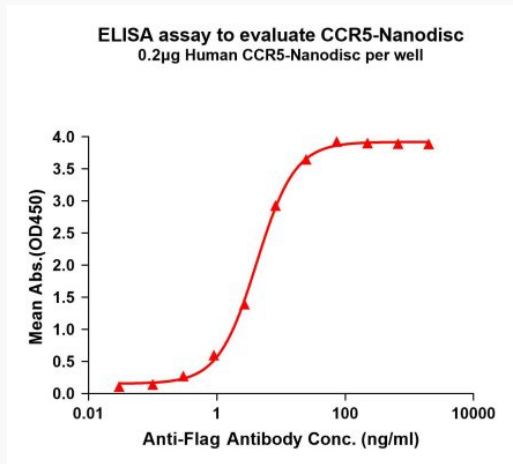
UniProt ID [P51681](#)

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Activity



SDS-PAGE

