Biotinylated Human CXCR4 full length protein-synthetic nanodisc

Cat. No. FLP100074B

PRODUCT INFORMATION

Tag	**Warning**: Undefined variable $hasAttributeValueDescription in **/www/wwwroot/tech.dimabio.cn/wp-content/plugins/woocommerce-print-products/public/class-woocommerce-print-products-public.php** on line **2806** C-Flag and Avi Tag
Target	CXCR4
Synonyms	CD184; D2S201E; FB22; HM89; HSY3RR; LAP-3; LAP3; LCR1; LESTR; NPY3R; NPYR; NPYRL; NPYY3R; WHIM; WHIMS1
Description	Biotinylated Human CXCR4 full length protein-synthetic nanodisc
Delivery	In Stock
Uniprot ID	P61073
Expression Host	HEK293
Protein Families	Transmembrane
Protein Pathways	Axon guidance, Chemokine signaling pathway, Cytokine-cytokine receptor interaction, Endocytosis, Leukocyte transendothelial migration
Molecular Weight	The human full length CXCR4 Protein has a MW of 44.5 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. Please see Certificate of Analysis for
Storage&Shipping	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.
Background	This gene encodes a CXC chemokine receptor specific for stromal cell-derived factor-1. The protein has 7 transmembrane regions and is located on the cell surface. It acts with the CD4 protein to support HIV entry into cells and is also highly expressed in breast cancer cells. Mutations in this gene have been associated with WHIM (warts, hypogammaglobulinemia, infections, and myelokathexis) syndrome. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Biotinylated

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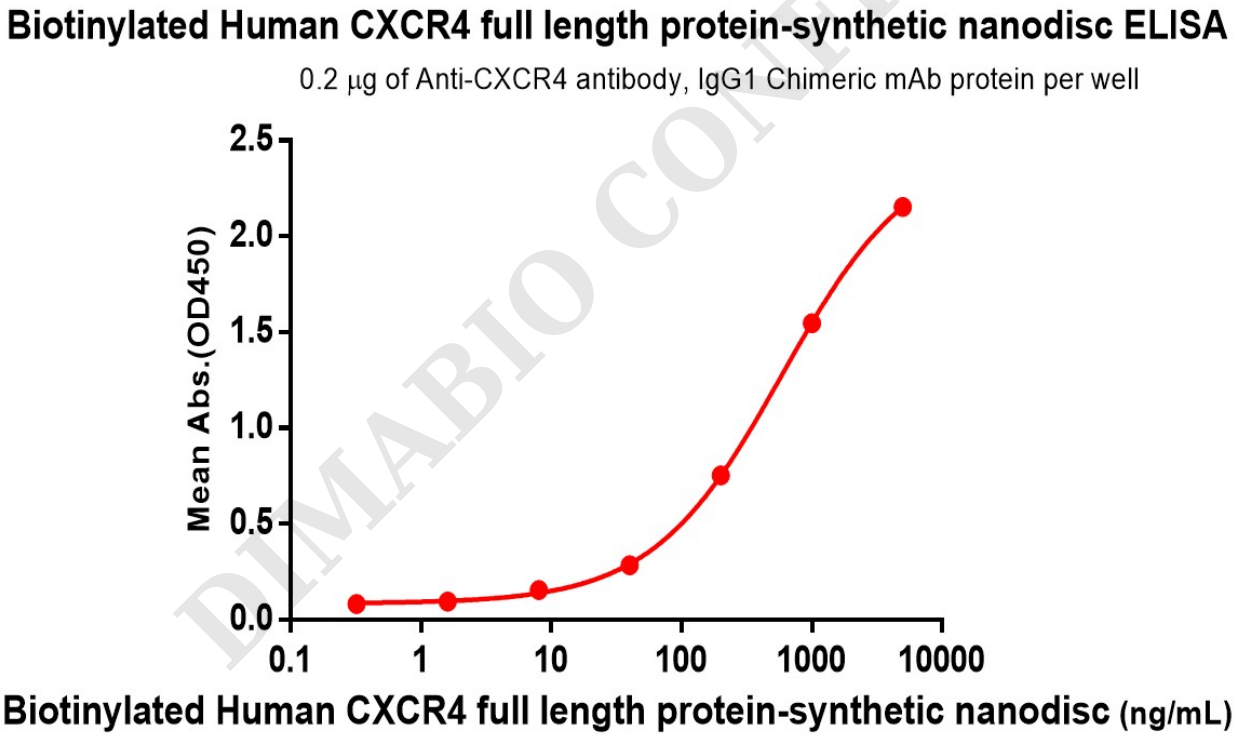


Figure 1. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Anti-CXCR4 antibody(DMC680); IgG1 Chimeric mAb (DMC100680) can bind Biotinylated Human CXCR4 full length protein-synthetic nanodisc (FLP100074B) in a linear range of 16–2000 ng/mL. In order to specifically detect FLP100074B, HRP Conjugated Streptavidin was used as detection antibody.

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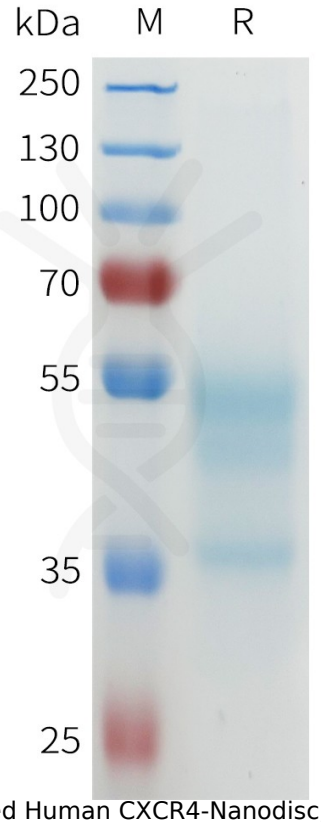


Figure 2. Biotinylated Human CXCR4-Nanodisc, Flag Tag on SDS-PAGE

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