Active Recombinant Human CXCR4 Full Length Transmembrane protein(Nanodisc), His-tagged, Biotinylated

Cat. No. CXCR4-1632H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Human CXCR4 Full Length Transmembrane protein(Nanodisc)(P61073-1)(Met1-Ser352) is expressed from HEK293 with His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-352 aa
Conjugation/Label	Biotin
Form	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Biotinylated Human CXCR4 Nanodisc, His Tag at 5μg/ml (100μl/well) on the streptavidin precoated plate (5μg/ml). Dose response curve for Anti-CXCR4 Antibody, hFc Tag with the EC50 of 11.6ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 52.60 kDa.
Endotoxin	Less than 1 EU per μg by the LAL method.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw

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	cycles.
Concentration	0.1-1.0 mg/mL. Centrifuge the vial at 4°C before opening to recover the entire contents.

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	P61073

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