

Active Recombinant Human CXCR4 Full Length Transmembrane protein(VLPs)

Cat. No. CXCR4-762H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCR4 Full Length Transmembrane protein(VLPs)(P61073-1) (Met1-Ser352) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Ser352
Form	Supplied as sterile solution in 50mM HEPES, 150mM NaCl, 10% Trehalose, pH 7.2.
Bio-activity	Immobilized Human CXCR4/CD184 (Full Length) Protein-VLP at 5 µg/mL (100 µL/well) can bind Anti-Human CXR4/CD184 Antibody, Human IgG1, the EC50 is 10-30 ng/mL.
Molecular Mass	The recombinant human CXCR4 consists of 352 amino acids and predicts a molecular mass of 39.75 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Storage	Samples are stable for up to twelve months from date of receipt at -70°C. Store it under sterile conditions at -70°C or lower. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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.

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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