

# Active Recombinant Human CXCR4 Full Length Transmembrane protein(VLPs)

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human CXCR4 Full Length Transmembrane protein(VLPs)(P61073-1) (Met1-Ser352) was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ser352
<b>Form</b>	Supplied as sterile solution in 50mM HEPES, 150mM NaCl, 10% Trehalose, pH 7.2.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	The recombinant human CXCR4 consists of 352 amino acids and predicts a molecular mass of 39.75 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Storage</b>	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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