

Active Recombinant Human CXCR4 Full Length Transmembrane protein, His-tagged

Cat. No. CXCR4-1038H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCR4 protein(P61073)(1-352aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-352aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human CXCR4 at 10 µg/mL can bind Anti-CXCR4 recombinant antibody, the EC50 is 101.7-253.6 ng/mL.
Molecular Mass	41.5 kDa
AA Sequence	MEGISIYTS DNYTEEMGSGDYDSMKEPCFREENANFNKIFLPTIYSIIFLTGIVGNGLVI LVMGYQKKLRSM TDKYRLHLSVADLLFVITLPFWAVDAVANWYFGNFLCKAVHVIYT VNLYSSVLILAFISLD RYLAIVHATNSQRPRKLLAEKVYVGVWIPALLLTIPDFIFANVS EADDRYICDRFY PNDLWVVVFQFQHMVGLILPGIVILSCYCIISKLSHSGHQRKAL

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KTTVILILAFFACWLPYYIGISIDSFILLEIKQGCEFENTVHKWISITEALAFFHCCLNPIL
YAFLGAKFKTSAQHALTSVSRGSSLKILSKGKRGGHSSVSTESESSSFHSS

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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

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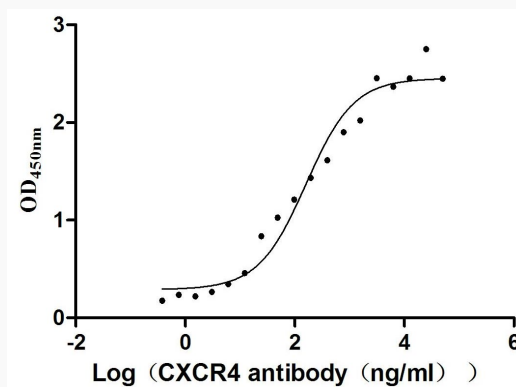
 45-1 Ramsey Road, Shirley, NY 11967, USA

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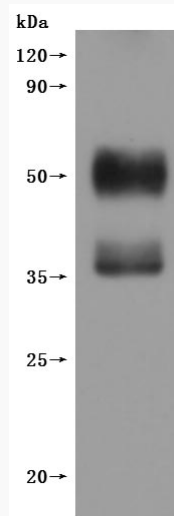
MIM 162643

UniProt ID P61073

Activity



SDS-PAGE



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