

Recombinant Human CXCR4 Full Length Transmembrane protein isoform 2, His-tagged

Cat. No. CXCR4-1176H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCR4 protein isoform 2 (1-356 aa) was fused to His-tag at N-terminus and expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-356aa
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.
Molecular Mass	44.4kDa
AA Sequence	MSIPLPLLQIYTS DNYTEEMGSGDYDSMKEPCFREENANFNKIFLPTIYSIIFLTGIVGN GLVILVMGYQKKLRSM TDKYRLHLSVADLLFVITLPFWAVDAVANWYFGNFLCKAVH VIYTVNLYSSVLILAFISLD RYLAIVHATNSQRPRKLLAEKV VYVGWIPALLLTIPDFIF ANVSEADDRYICDRFYPNDLWVVVFQFQHIMVGLILPGIVLSCYCIISKL SHSKGHQ KRKALKTTVILILAFFACWLPYYIGISIDSFILLEI IKQGCEFENTVHKWISITEALAFFHC CLNPILYAF LGAKFKTSAQHALTSVSRGSSLKILSKGKRGGHSSVSTESESSSFHSS
Purity	Greater than 90% as determined by SDS-PAGE.

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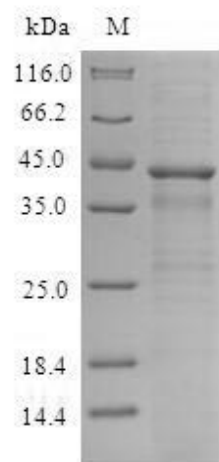
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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
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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SDS-PAGE

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