

Recombinant Human CCR5, GST-tagged

Cat. No. CCR5-10886H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCR5 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	257-352a.a.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	CCR5 chemokine (C-C motif) receptor 5 (gene/pseudogene) [Homo sapiens]
Official Symbol	CCR5
Synonyms	CCR5; chemokine (C-C motif) receptor 5 (gene/pseudogene); chemokine (C C motif) receptor 5 , CMKBR5; C-C chemokine receptor type 5; CC CKR 5; CD195; CKR 5; CKR5; IDDM22; chemr13; HIV-1 fusion coreceptor; chemokine receptor CCR5; C-C motif chemokine receptor 5 A159A; CCR-5; CKR-5; CCCKR5; CMKBR5; CC-CKR-5;

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	FLJ78003;
Gene ID	1234
mRNA Refseq	NM_000579
Protein Refseq	NP_000570
MIM	601373
UniProt ID	P51681
Chromosome Location	3p21
Pathway	Binding and entry of HIV virion, organism-specific biosystem; Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	C-C chemokine binding; C-C chemokine receptor activity; C-C chemokine receptor activity; G-protein coupled receptor activity; actin binding; chemokine (C-C motif) ligand 5 binding; chemokine receptor activity; coreceptor activity; phosphatidylinositol pho