

Recombinant Mouse Ccr7 Protein, His-tagged

Cat. No. Ccr7-646M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ccr7 Protein (Asn290-Pro378) with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asn290-Pro378
Description	Enables C-C chemokine receptor activity. Involved in several processes, including positive regulation of immune response; positive regulation of leukocyte chemotaxis; and regulation of cytokine production. Acts upstream of or within chemotaxis; homeostasis of number of cells; and immune response. Located in external side of plasma membrane. Is expressed in several structures, including alimentary system; central nervous system; immune system; reproductive system; and white fat. Used to study Sjogren's syndrome. Orthologous to human CCR7 (C-C motif chemokine receptor 7).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 13.9 kDa; Accurate Molecular Mass: 16 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

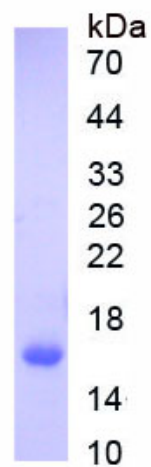
GENE INFORMATION

Gene Name	Ccr7 chemokine (C-C motif) receptor 7 [Mus musculus (house mouse)]
Official Symbol	Ccr7
Synonyms	CCR7; chemokine (C-C motif) receptor 7; C-C chemokine receptor type 7; CCR-7; CC-CKR-7; C-C CKR-7; MIP-3 beta receptor; chemokine (C-C) receptor 7; EBV-induced G-protein coupled receptor 1; epstein-Barr virus-induced G-protein coupled receptor 1; EBI1; CD197; Ebi1h; Cdw197; Cmkbr7;
Gene ID	12775
mRNA Refseq	NM_007719
Protein Refseq	NP_031745
UniProt ID	P47774

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