

Recombinant Rat Ccl1 Protein, His-tagged

Cat. No. Ccl1-640R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ccl1 Protein (Lys24-Cys92) with His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Lys24-Cys92
Description	Predicted to enable CCR chemokine receptor binding activity and chemokine activity. Involved in response to glucocorticoid. Predicted to be active in extracellular space. Biomarker of glomerulonephritis and nephrosis. Human ortholog(s) of this gene implicated in chronic obstructive pulmonary disease; multiple sclerosis; pulmonary tuberculosis; and tuberculosis. Orthologous to human CCL1 (C-C motif chemokine ligand 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 11.6 kDa; Accurate Molecular Mass: 12 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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

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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 PBS or others.

GENE INFORMATION

Gene Name

Ccl1 chemokine (C-C motif) ligand 1 [*Rattus norvegicus*]

Official Symbol

Ccl1

Synonyms

CCL1; chemokine (C-C motif) ligand 1; C-C motif chemokine 1;

Gene ID

688605

mRNA Refseq

NM_001191092

Protein Refseq

NP_001178021

UniProt ID

D3ZDY4

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