

Recombinant Cattle CCL2 Protein, His-tagged

Cat. No. CCL2-2146C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle CCL2 Protein (Gln24-Pro99) with a N-His tag was expressed in 293F.
Species	Cattle
Source	HEK293
ProteinLength	Gln24-Pro99
Description	Acts as a ligand for C-C chemokine receptor CCR2.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 10.4 kDa Accurate Molecular Mass: \
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%
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 48h, and no obvious degradation and precipitation were observed. The loss rate is

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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 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

CCL2 chemokine (C-C motif) ligand 2 [*Bos taurus* (cattle)]

Official Symbol

CCL2

Synonyms

CCL2; chemokine (C-C motif) ligand 2; MCP1; MCP-1; MCP1A; SCYA2; MCP-1A; C-C motif chemokine 2
acidic seminal fluid protein
monocyte chemoattractant protein 1
monocyte chemotactic protein 1
monocyte chemotactic protein 1A
small-inducible cytokine A2

Gene ID

281043

mRNA Refseq

NM_174006

Protein Refseq

NP_776431

UniProt ID

P28291

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