

Recombinant Guinea pig Ccl2 protein, His & T7-tagged

Cat. No. Ccl2-685G Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Guinea pig Ccl2 aa. (Gln24~Ser120 (Accession # Q08782)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Guinea pig
Source	E.coli
ProteinLength	Gln24~Ser120
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.9.
Applications	SDS-PAGE; WB; ELISA; IP.
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°C 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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Ccl2 chemokine (C-C motif) ligand 2 [<i>Cavia porcellus</i> (domestic guinea pig)]
Official Symbol	Ccl2
Synonyms	MCP1; MCP-1; SCYA2; monocyte chemoattractant protein-1; monocyte chemotactic protein 1; small-inducible cytokine A2; C-C motif chemokine 2
Gene ID	100135494
mRNA Refseq	NM_001172926.1
Protein Refseq	NP_001166397.1
UniProt ID	Q08782

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