Recombinant Horse CCL8 Protein, His-tagged

Cat. No. CCL8-1105H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Horse CCL8 Protein (Gln24-Pro99) with His tag was expressed in E. coli.
Species	Horse
Source	E.coli
ProteinLength	Gln24-Pro99
Description	This antimicrobial gene is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of N-terminal cysteine residues of the mature peptide. This chemokine is a member of the CC subfamily which is characterized by two adjacent cysteine residues. This cytokine displays chemotactic activity for monocytes, lymphocytes, basophils and eosinophils. By recruiting leukocytes to sites of inflammation this cytokine may contribute to tumor-associated leukocyte infiltration and to the antiviral state against HIV infection.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 8.7 kDa; Accurate Molecular Mass: 15&17 kDa
Purity	> 97%

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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 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	CCL8 chemokine (C-C motif) ligand 8 [Equus caballus (horse)]
Official Symbol	CCL8
Synonyms	CCL8; chemokine (C-C motif) ligand 8; mcp-2; C-C motif chemokine 8; monocyte chemoattractant protein-2
Gene ID	100033927
mRNA Refseq	NM_001081864
Protein Refseq	NP_001075333
UniProt ID	Q8MKC8

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