

Recombinant Horse CCL19 Protein, His-tagged

Cat. No. CCL19-1112H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Horse CCL19 Protein (Gly24-Ser100) with His tag was expressed in E. coli.
Species	Horse
Source	E.coli
ProteinLength	Gly24-Ser100
Description	This antimicrobial gene is one of several CC cytokine genes clustered on the p-arm of chromosome 9. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene may play a role in normal lymphocyte recirculation and homing. It also plays an important role in trafficking of T cells in thymus, and in T cell and B cell migration to secondary lymphoid organs. It specifically binds to chemokine receptor CCR7.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 12.4 kDa; Accurate Molecular Mass: 15 kDa
Purity	> 95%
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 PBS or others.
GENE INFORMATION	
Gene Name	CCL19 C-C motif chemokine ligand 19 [Equus caballus (horse)]
Official Symbol	CCL19
Synonyms	CCL19; C-C motif chemokine ligand 19; C-C motif chemokine 19
Gene ID	100630643
mRNA Refseq	XM_005605078
Protein Refseq	XP_005605135