

## Recombinant Horse CCL19 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Horse CCL19 Protein (Gly24-Ser100) with His tag was expressed in E. coli.
<b>Species</b>	Horse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gly24-Ser100
<b>Description</b>	<p>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.</p>
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 12.4 kDa; Accurate Molecular Mass: 15 kDa
<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	CCL19 C-C motif chemokine ligand 19 [ <i>Equus caballus</i> (horse) ]
<b>Official Symbol</b>	CCL19
<b>Synonyms</b>	CCL19; C-C motif chemokine ligand 19; C-C motif chemokine 19
<b>Gene ID</b>	100630643
<b>mRNA Refseq</b>	XM_005605078
<b>Protein Refseq</b>	XP_005605135

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