

## Recombinant Pig CCL22 Protein, His-tagged

**Cat. No.** CCL22-1108P    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Pig CCL22 Protein (Gly25-Gln93) with His tag was expressed in E. coli.
<b>Species</b>	Pig
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gly25-Gln93
<b>Description</b>	<p>This antimicrobial gene is one of several Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 16. 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 displays chemotactic activity for monocytes, dendritic cells, natural killer cells and for chronically activated T lymphocytes. It also displays a mild activity for primary activated T lymphocytes and has no chemoattractant activity for neutrophils, eosinophils and resting T lymphocytes. The product of this gene binds to chemokine receptor CCR4. This chemokine may play a role in the trafficking of activated T lymphocytes to inflammatory sites and other aspects of activated T lymphocyte physiology.</p>
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 11.8 kDa; Accurate Molecular Mass: 14 kDa
<b>Purity</b>	> 95%

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<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>	CCL22 C-C motif chemokine ligand 22 [ <i>Sus scrofa</i> (pig) ]
<b>Official Symbol</b>	CCL22
<b>Synonyms</b>	CCL22; C-C motif chemokine ligand 22; C-C motif chemokine 22; chemokine (C-C motif) ligand 22
<b>Gene ID</b>	100516016
<b>mRNA Refseq</b>	NM_001256776
<b>Protein Refseq</b>	NP_001243705
<b>UniProt ID</b>	G8XRI5

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