

Recombinant Pig CCL22 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Pig CCL22 Protein (Gly25-Gln93) with His tag was expressed in E. coli.
Species	Pig
Source	E.coli
ProteinLength	Gly25-Gln93
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 11.8 kDa; Accurate Molecular Mass: 14 kDa
Purity	> 95%

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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	CCL22 C-C motif chemokine ligand 22 [<i>Sus scrofa</i> (pig)]
Official Symbol	CCL22
Synonyms	CCL22; C-C motif chemokine ligand 22; C-C motif chemokine 22; chemokine (C-C motif) ligand 22
Gene ID	100516016
mRNA Refseq	NM_001256776
Protein Refseq	NP_001243705
UniProt ID	G8XRI5

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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