Chemokine (C-C Motif) Ligand 28 (CCL28) ELISA Kit for Porcine

PRODUCT OVERVIEW

Product Name	chemokine (C-C motif) ligand 28 (CCL28), ELISA Kit
Full Product Name	Porcine chemokine (C-C motif) ligand 28 (CCL28) ELISA Kit
Product Gene Name	CCL28 elisa kit
Species Reactivity	Porcine
Preparation and Storage	Store at 2 to 8 degree C for 6 months.
Molecular Weight	12,375 Da
3D Structure	ModBase 3D Structure for Q9NRJ3
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CCL28 elisa kit	MBS166313 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the chemokine (C-C motif) ligand 28 (CCL28) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing CCL28. The ELISA analytical biochemical technique of the MBS166313 kit is based on CCL28 antibody-CCL28 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CCL28 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CCL28. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of CCL28 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CCL28. It may not necessarily be applicable to this product.

NCBI GI #	22538811
NCBI GeneID	56477
NCBI Accession #	NP_683513.1
UniProt Primary Accession #	Q9NRJ3
UniProt Secondary Accession #	D7RIE7
UniProt Related Accession #	Q9NRJ3
GenBank Nucleotide #	NM_148672.3
NCBI Official Full Name	C-C motif chemokine 28 isoform a
NCBI Official Synonym Full Names	C-C motif chemokine ligand 28
NCBI Official Symbol	CCL28
NCBI Official Synonym Symbols	MEC; CCK1; SCYA28
UniProt Protein Name	C-C motif chemokine 28
UniProt Synonym Protein Names	Mucosae-associated epithelial chemokine; MEC; Protein CCK1; Small-inducible cytokine A28
Protein Family	C-C motif chemokine

UniProt Gene Name	CCL28
UniProt Synonym Gene Names	SCYA28; MEC
NCBI Protein Information	C-C motif chemokine 28
NCBI Summary for CCL28	This antimicrobial gene belongs to the subfamily of small cytokine CC genes. 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 resting CD4 or CD8 T cells and eosinophils. The product of this gene binds to chemokine receptors CCR3 and CCR10. This chemokine may play a role in the physiology of extracutaneous epithelial tissues, including diverse mucosal organs. Multiple transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Sep 2014]
UniProt Comments for CCL28	Chemotactic activity for resting CD4, CD8 T-cells and eosinophils. Binds to CCR3 and CCR10 and induces calcium mobilization in a dose-dependent manner.
Research Articles on CCL28	**1.** this review discusses the role of CCL28 in innate and adaptive immunity
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