Ccl28
Recombinant Mouse MEC/CCL28

Catalog No.	CRM201A	**Quantity:**	5 µg
	CRM201B		20 µg
	CRM201C		1 mg

Alternate Names: CCK1, MEC, SCYA28, CC chemokine CCL28, mucosae-associated epithelial chemokine, small inducible cytokine A28, small inducible cytokine subfamily A (Cys-Cys), member 28,C-C motif chemokine 28 , small inducible cytokine A28 , small-inducible cytokine A28

Description: Recombinant Mouse MEC/CCL28 is a single, non-glycosylated polypeptide chain containing 111 amino acids.
Background: CCL28 (CC chemokine ligand 28) is a novel CC chemokine cloned from a Rag1 mouse kidney cDNA library. Human and mouse CCL28 are highly conserved, sharing 83% aa identity in their mature regions. Among CC chemokines, CCL28 shares the most homology with CCL27/CTACK. The mouse CCL28 gene has been mapped to the distal region of chromosome 13. Mouse CCL28 is produced by epithelial cells. Based on Northern blot analysis, it is mainly expressed in testes, kidney and brain. The receptor for CCL28 has been identified as the CCR10 (GPR2 orphan receptor) which is also the receptor for CCL27/CTACK.

Gene ID: 56838

Source: *E. coli*

Molecular Weight: 12.6 kDa

Formulation: Lyophilized from a 0.2 µm filtered concentrated solution containing 20 mM PBS, pH 7.4 + 150 mM NaCl.

Purity: >97% by SDS-PAGE and HPLC analyses.

Endotoxin Level: Less than 1EU/µg of rMuMEC/CCL28 as determined by LAL method.

Biological Activity: Fully biologically active when compared to standard. Determined by its ability to chemoattract mouse lymphocytes using a concentration range of 1.0-10.0 ng/ml.

Amino Acid Sequence: SEAILPMASS CCTEVSHHVS GRLLERVSSC SIQRADGDCD LAAVILHVKR RRICISPHNR TLKQWMRASE VKKNGRENVC SGKKQPSRKD RKGHTTRKHR TRGTHRHEAS R

Reconstitution: **Centrifuge vial prior to opening**. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml. Stock solutions should be divided into working aliquots and stored at -80°C. Further dilutions should be made in appropriate buffered solutions.

Storage & Stability: This lyophilized preparation is stable for several weeks at 2-4°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-4°C. For maximal stability, divide the reconstituted preparation into working aliquots and store at -80°C. **Avoid repeated freeze-thaw**

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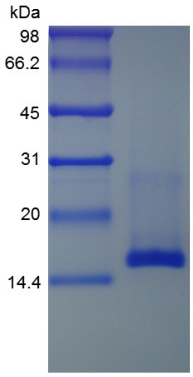
SDS-PAGE



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