

Datasheet for ABIN988144 **CCL28 Protein**



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Overview

Quantity:	20 µg
Target:	CCL28
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Biological Activity:	Active

Product Details

Sequence:	SEAILPMASS CCTEVSHHVS GRLLERVSSC SIQRADGDCD LAAVILHVKR RRICISPHNR TLKQWMRASE VKKNGRENVG SGKKQPSRKD RKGHTTRKHR TRGTHRHEAS
Characteristics:	Fully biologically active when compared to standard. The ED50 determined by a chemotaxis bioassay using murine lymphocytes is less than 10 ng/ml, corresponding to a specific activity of $>, 1.0 \times 10^5$ IU/mg.
Purity:	> 97 % by SDS-PAGE and HPLC analyses.
Endotoxin Level:	Level Less than 1EU/µg of rMuMEC/CCL28 as determined by LAL method

Target Details

Target:	CCL28
Alternative Name:	MEC/CCL28 (CCL28 Products)
Background:	Mouse 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

Target Details

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. Synonym: MEC/CCL28, Mouse. Formulation: Lyophilized from a 0.2µm filtered concentrated solution in 20mM PB, pH 7.4, 150mM NaCl.

Molecular Weight: 12.6 kDa, a single, non-glycosylated polypeptide chain containing 111 amino acids.

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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 apportioned into working aliquots and stored at < -20 °C. Further dilutions should be made in appropriate buffered solutions.

Storage: 4 °C
