Recombinant Mouse Ccl28 protein

Cat. No. Ccl28-2976M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ccl28 protein was expressed in Escherichia coli.
Species	Mouse
Source	E.coli
ProteinLength	111
Description	CCL28 belongs to CC family chemokine, also named mucosae-associated epithelial chemokine (MEC). The CCL28 mRNA is highly expressed by epithelial cells of diverse tissues including normal and pathological colon, salivary gland, mammary gland, trachea and rectum. The amino acids sequence of human and mouse CCL28 shares 83% identity, when the protein is processed to be the mature form. CCL28 is signaling through CCR3 and CCR10, and chemotactic for resting CD4, CD8 T-cells and eosinophils.
Form	Lyophilized from a 0.2μm filtered concentrated solution in 20 mM PB, pH 7.4, 150 mM NaCl.
Bio-activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using murine lymphocytes is in a concentration range of 1.0-10.0 ng/ml.
Molecular Mass	Approximately 12.6 kDa, a single, non-glycosylated polypeptide chain containing 111 amino acids.

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AA Sequence	SEAILPMASSCCTEVSHHVSGRLLERVSSCSIQRADGDCDLAAVILHVKRRRICISPH NRTLKQWMRASEVKKNGRENVCSGKKQPSRKDRKGHTTRKHRTRGTHRHEASR
Endotoxin	Less than 1 EU/μg of rMuMEC/CCL28 as determined by LAL method.
Purity	>97% by SDS-PAGE and HPLC analysis.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
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 centigrade. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name	Ccl28
Official Symbol	Ccl28
Synonyms	CCL28; chemokine (C-C motif) ligand 28; C-C motif chemokine 28; small inducible cytokine A28; small-inducible cytokine A28; MEC; CCK1; Scya28;
Gene ID	56838
mRNA Refseq	NM_020279

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Protein Refseq	NP_064675
UniProt ID	Q9JIL2
SDS-PAGE of Ccl28-2976M	

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