

## Active Recombinant Mouse Ccl28 Protein

**Cat. No.** Ccl28-92M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Mouse Ccl28 Protein(Q9JIL2)(20-130 aa) was expressed in E.coli.                                                                                                       |
| <b>Species</b>          | Mouse                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 20-130 aa                                                                                                                                                                                |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 150 mM NaCl.                                                                                               |
| <b>Bio-activity</b>     | 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. |
| <b>Molecular Mass</b>   | Approximately 12.6 kDa, a single, non-glycosylated polypeptide chain containing 111 amino acids.                                                                                         |
| <b>AASequence</b>       | SEAILPMASS CCTEVSHHVS GRLLERVSSC SIQRADGDCD LAAVILHVKR<br>RRICISPHNR TLKQWMRASE VKKNGRENVK SGKKQPSRKD RKGHTTRKHR<br>TRGTHRHEAS R                                                         |
| <b>Endotoxin</b>        | Less than 1 EU/µg of rMuMEC/CCL28 as determined by LAL method.                                                                                                                           |

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|                       |                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | > 97 % by SDS-PAGE and HPLC analyses.                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage</b>        | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.                                                                                                        |
| <b>Reconstitution</b> | 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. |

## GENE INFORMATION

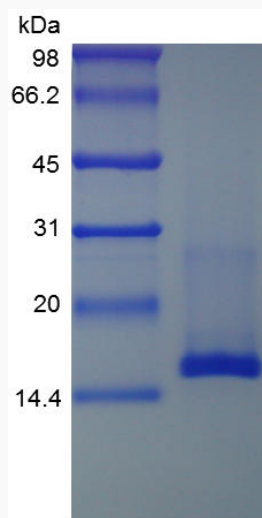
|                        |                                                                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Ccl28 chemokine (C-C motif) ligand 28 [ <i>Mus musculus</i> ]                                                                                  |
| <b>Official Symbol</b> | Ccl28                                                                                                                                          |
| <b>Synonyms</b>        | CCL28; chemokine (C-C motif) ligand 28; C-C motif chemokine 28; small inducible cytokine A28; small-inducible cytokine A28; MEC; CCK1; Scya28; |
| <b>Gene ID</b>         | 56838                                                                                                                                          |
| <b>mRNA Refseq</b>     | NM_020279                                                                                                                                      |
| <b>Protein Refseq</b>  | NP_064675                                                                                                                                      |

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SDS-PAGE



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