

Mucosae-Associated Epithelial Chemokine (CCL28) Rat Recombinant

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| Item Number | rAP-0208 |
| Synonyms | MEC, CCK1, SCYA28, MGC71902, CCL28, C-C motif chemokine 28, Small-inducible cytokine A28, Mucosae-associated epithelial chemokine, Protein CCK1. |
| Description | MEC Rat Recombinant produced in E.Coli is a non-glycosylated, Polypeptide chain containing 116 amino acids and having a molecular mass of 13.1kDa. The Rat MEC is purified by proprietary chromatographic techniques. |
| Uniprot Accesion Number | Q91Y39 |
| Amino Acid Sequence | SEAILPIASS CCTEVSHHIP RLLLERVNSC SIQRADGDCD LAAVILHVKR RRICVSPHNP TLKRWMSASE MKNGKENLCP RKKQDSGKDR KGHTPRKHGK HGTRRIHGTH DHEAPR. |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized MEC although stable at room temperature for 3 weeks, should be stored desiccated below -18C. Upon reconstitution MEC should be stored at 4C between 2-7 days and for future use below -18C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles. |
| Formulation and Purity | The protein was lyophilized from a 0.2µm filtered concentrated solution in 20mM PB, pH 7.4 and 150mM NaCl. Greater than 95.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE. |
| Application | |
| Solubility | It is recommended to reconstitute the lyophilized MEC in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. |
| Biological Activity | Determined by its ability to chemoattract murine lymphocytes using a concentration range of 1.0-10.0 ng/ml. |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**