

## Mucosae-Associated Epithelial Chemokine Human Recombinant

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| <b>Item Number</b>                       | rAP-0209  |
| <b>Synonyms</b>                          | MEC, CCK1, SCYA28, MGC71902, CCL28, C-C motif chemokine 28, Small-inducible cytokine A28, Mucosae-associated epithelial chemokine, Protein CCK1.  |
| <b>Description</b>                       | CCL28 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 108 amino acids and having a molecular mass of 12.3 kDa. The CCL28 is purified by proprietary chromatographic techniques.  |
| <b>Uniprot Accession Number</b>          | Q9NRJ3  |
| <b>Amino Acid Sequence</b>               | SEAILPIASS CTEVSHHIS RLLERVNMC RIQRADGDCD LAAVILHVKR RRICVSPHH<br>TVKQWMKVQA AKKNGKGNVC HRKKHHGKRN SNRAHQGKHE TYGHKTPY.   |
| <b>Source</b>                            | Escherichia Coli.   |
| <b>Physical Appearance and Stability</b> | Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized CCL28 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL28 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles. |
| <b>Formulation and Purity</b>            | Lyophilized from a concentrated (1mg/ml) solution in water containing 20mM PBS and 150mM NaCl. Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.  |
| <b>Application</b>                       |   |
| <b>Solubility</b>                        | It is recommended to reconstitute the lyophilized CCL28 in sterile 18MΩ-cm H <sub>2</sub> O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.   |
| <b>Biological Activity</b>               | Determined by its ability to chemoattract human lymphocytes using a concentration range of 1-10ng/ml corresponding to a Specific Activity of 100,000-1,000,000IU/mg.  |
| <b>Shipping Format and Condition</b>     | 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**