

Recombinant Human MEC (CCL28)

Cat No:HR2R1713

For research use only

Overview

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| Quantity | 1.0 ?g |
| Gene Symbol | CCL28 |
| Gene ID | 56477 |
| Accession | Q9NRJ3 |
| Alternative Name | C-C motif chemokine 28, CCL28, MEC, Protein CCK1, Small-inducible cytokine A28, SCYA28 Recombinant Human Mucosae-Associated Epithelial Chemokine (CCL28) |
| Species | Human |
| Source | E. coli |
| Description | The mucosa-associated epithelial chemokine CCL28 is a common mucosal chemokine which is constitutively expressed by epithelial cells in most mucosal sites. Both CCL28 and CCL25 have recently been shown to be essential for lymphocyte migration to gastrointestinal tissues. CCL28 attracts IgA ASC, but not IgG or IgM ASC, from both intestinal and extraintestinal mucosal tissue, while CCL25 preferentially attracts IgA ASC from the small intestine and its draining lymphoid tissues, as well as alpha-4-beta-7(+) T cells. |
| Functions | Determined by the ability to chemoattract human lymphocytes using a concentration range of 2-10 ng/mL. |
| Formulation | Recombinant CCL-28 was lyophilized from PBS pH 7.4. |
| Solubility | A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers. |
| Appearance | Lyophilized Powder |
| Molecular Weight | 12 |
| Purity | >95% as determined by SDS-PAGE |
| Concentration | <1.0 EU/?g of recombinant protein as determined by the LAL method. |
| Shipping Condition | Ambient Temperature |
| Storage Condition | Upon reconstitution, this cytokine can be stored in working aliquots at 2? - 8?C for one month, or at -20?C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles. |