Recombinant Mouse MEC (CCL28)

Cat No:HR2R2197

For research use only

Overview

Quantity	20 ?g
Gene Symbol	CCL28
Gene ID	56838
Accession	Q9JIL2
Alternative Name	C-C motif chemokine 28, Small-inducible cytokine A28, Scya28, Ccl28 Recombinant Mouse Mucosae-Associated Epithelial Chemokine (CCL28)
Species	Mouse
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.