

Ccl28

Recombinant Rat Mucosae-associated Epithelial Chemokine/CCL28

Catalog No.	CS519A CS519B CS519C	Quantity:	5 µg 20 µg 1 mg
Alternate Names:	Chemokine (C-C motif) ligand 28, MEC		
Description:	<p>Mucosae-associated Epithelial Chemokine (MEC)/CCL28 (CC chemokine ligand 28) is a secreted CC chemokine expressed primarily by epithelial cells of the bronchioles, salivary gland, mammary gland and colon. MEC signals through the CCR10 receptor and chemoattracts resting CD4, CD8 T-cells and eosinophils. MEC contains six cysteines including the four highly conserved cysteine residues present in CC chemokines.</p> <p>Recombinant Rat Mucosae-associated Epithelial Chemokine/CCL28 is a single non-glycosylated polypeptide chain containing 116 amino acids.</p>		
Gene ID:	114492		
Source:	<i>E. coli</i>		
Molecular Weight:	13.1 kDa		
Formulation:	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, + 200 mM NaCl.		
Purity:	>96% by SDS-PAGE and HPLC analyses.		
Endotoxin Level:	<1 EU/µg as determined by LAL method.		
Biological Activity:	Fully biologically active when compared to standard. The biologically active determined by a chemotaxis bioassay using human lymphocytes is in a concentration range of 5.0-50 ng/ml.		
Amino Acid Sequence:	SEAILPIASS CTEVSHHIP RLLERVNSC SIQRADGDCD LAAVILHVKR RRICVSPHNP TLKRWMSASE MKNGKENLCP RKKQDSGKDR KGHTPRKHGK HGTRRIHGTH DHEAPR		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/ml. Further dilutions should be made in appropriate buffered solutions.		
Storage & Stability:	<p>The lyophilized protein is stable at 2-8°C. Upon receipt, store desiccated at -20°C. After reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -80°C. For long term storage of reconstituted protein, it is recommended that a carrier protein such as 0.1% BSA or HSA be added. This depends on the particular application.</p> <p>Avoid repeated freeze/thaw cycles.</p>		

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