Datasheet for ABIN2018244

CCL28 Protein

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Overview

Quantity:	1 mg
Target:	CCL28
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	SEAILPIASS CCTEVSHHIP RRLLERVNSC SIQRADGDCD LAAVILHVKR RRICVSPHNP TLKRWMSASE MKNGKENLCP RKKQDSGKDR KGHTPRKHGK HGTRRIHGTH DHEAPR
Characteristics:	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.
Purity:	> 96 % by SDS-PAGE and HPLC analyses.
Sterility:	0.2 µm filtered
Endotoxin Level:	< 1 EU/µg of rRtMEC/CCL28 as determined by LAL method.

Target Details

Target:	CCL28
Alternative Name:	MEC/CCL28 (CCL28 Products)
Background:	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,

Target Details

	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. Synonyms: MEC, CCK1, SCYA28, MGC71902, CCL28, C-C motif chemokine 28, Small-inducible cytokine A28, Mucosae-associated epithelial chemokine, Protein CCK1.
Molecular Weight:	13.1 kDa, a single non-glycosylated polypeptide chain containing 116 amino acids.

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.
Buffer:	Lyophilized from a 0.2 μm filtered concentrated solution in 20 mM PB, pH 7.4, 200 mM NaCl.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	This lyophilized preparation is stable at 2-8 °C, but should be kept at -20 °C for long term storage, preferably desiccated. Upon 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 -70 °C.