9051 Mira Mesa Blvd, #910094
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CCL28 Human, His

Mucosae-Associated Epithelial Chemokine Human Recombinant (CCL28), His Tag
CHK0013

Product Overview

Name	CCL28 Human, His

Description

Mucosae-Associated Epithelial Chemokine Human Recombinant (CCL28), His Tag

Accession (Primary)	Q9NRJ3

Synonyms

MEC, CCK1, SCYA28, MGC71902, CCL28, C-C motif chemokine 28, Small-inducible cytokine A28, Mucosae-associated epithelial chemokine, Protein CCK1.

Introduction

CCL28 is part of the subfamily of small cytokine CC genes. CCL28 shows chemotactic activity for resting CD4 or CD8 T cells and eosinophils. CCL28 binds to chemokine receptors CCR3 and CCR10. CCL28 is involved in the physiology of extracutaneous epithelial tissues, including diverse mucosal organs. CCL28 mediates mucosal immunity in HIV exposure and infection. CCL28 is involved in the pathogenesis of inflammatory skin diseases. Human CCL28 cDNA encodes a 127 amino acid residue precursor protein with a putative 22 amino acid residue signal peptide that is cleaved to produce the 105 amino acid residue mature protein. Human and mouse CCL28 are highly conserved, sharing 83% amino acid identity in their mature regions. CCL28 shares the most homology with CCL27/CTACK. Human and mouse CCL28 RNA expression was found to be highest in normal and pathologic colon with the protein being expressed by epithelial cells. Human CCL28 RNA was also present in normal and asthmatic lung tissues.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

The CCL28 protein contains 10mM Sodium Citrate pH3.5 and 10% Glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90% as determined by Analysis by SDS-PAGE.

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Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MILPIASSCC TEVSHHISRR LLERVNMCRI QRADGDCDLA AVILHVKRRR

ICVSPHNHTV KQWMKVQAAK KNGKGNVCHR KKHHGKRNSN RAHQGKHETY GHKTPY.

Precautions

CCL28 Human, His is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NRJ3)