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CCL28 Protein (AA 20-127)



Overview

Alternative Name:

Quantity:	50 μg
Target:	CCL28
Protein Characteristics:	AA 20-127
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Product Details	
Purpose:	Recombinant Human C-C Motif Chemokine 28/CCL28
Sequence:	MSEAILPIAS SCCTEVSHHI SRRLLERVNM CRIQRADGDC DLAAVILHVK RRRICVSPHN
	HTVKQWMKVQ AAKKNGKGNV CHRKKHHGKR NSNRAHQGKH ETYGHKTPY
Characteristics:	Recombinant Human C-C Motif Chemokine 28/CCL28 is produced with our E. coli expression
	system. The target protein is expressed with sequence (Ile20-Tyr127) of Human CCL28.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 μm filtered
Endotoxin Level:	Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test
Target Details	
Target:	CCL28

ccl28 (CCL28 Products)

Target Details

Background:

Chemokine (C-C Motif) Ligand 28 (CCL28) is a novel chemokine that shares the most homology with CCL27/CTACK. CCL28 shows chemotactic activity for resting CD4, CD8 T-cells and eosinophils. It Binds to CCR3 and CCR10 and induces calcium mobilization in a dosedependent manner. CCR10 (GPR2 orphan receptor) is also the receptor for CCL27/CTACK. CCL28 is preferentially expressed by epithelial cells of diverse tissues, with highest expression level in normal and pathological colon. It is also expressed in normal and asthmatic lung tissues. Human and mouse CCL28 shares 83% sequence identity in their mature regions. Alternative Names: C-C Motif Chemokine 28, Mucosae-Associated Epithelial Chemokine, MEC, Protein CCK1, Small-Inducible Cytokine A28, CCL28, SCYA28

Molecular Weight:

12.49 kDa

UniProt:

Q9NRJ3

Application Details

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For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH20. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	3 months