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Datasheet for ABIN7455629 CCL18 Protein (His tag)

Overview

Quantity:	50 µg
Target:	CCL18
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCL18 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human C-C Motif Chemokine 18 is produced by our E.coli expression system and the target gene encoding Ala21-Ala89 is expressed with a 6His tag at the N-terminus.
Characteristics:	Extracellular Domain Protein
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	CCL18
Alternative Name:	CCL18 (CCL18 Products)
Background:	C-C Motif Chemokine 18, Alternative Macrophage Activation-Associated CC Chemokine 1, AMAC-1, CC Chemokine PARC, Dendritic Cell Chemokine 1, DC-CK1, Macrophage Inflammatory Protein 4, MIP-4, Pulmonary and Activation-Regulated Chemokine, Small-Inducible Cytokine A18, CCL18, AMAC1, DCCCK1, MIP4, PARC, SCYA18 Description: C-C Motif Chemokine 18 (CCL18) is secreted protein that belongs to the intercrine

Target Details

beta (chemokine CC) family. CCL18 is expressed at high levels in the lung, lymph nodes, placenta, bone marrow, and dendritic cells. CCL18 is a chemotactic factor that attracts lymphocytes but not monocytes or granulocytes. CCL18 may be involved in B-cell migration into B-cell follicles in lymph nodes. CCL18 attracts naive T-lymphocytes toward dendritic cells and activated macrophages in lymph nodes. It has chemotactic activity for naive T-cells, CD4 and CD8 T-cells and thus may play a role in both humoral and cell-mediated immunity responses.

Molecular Weight: 10.1 KDa

UniProt: [P55774](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: a 0.2 µm filtered solution of PBS, 5 % Trehalose, pH 7.4.

Storage: -20 °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: 12 months