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# Recombinant human CCL28/MEC protein

Catalog Number: ATGP0387

#### PRODUCT INFORMATION

## **Expression system**

E.coli

#### **Domain**

23-127aa

#### UniProt No.

Q9NRJ3

#### **NCBI Accession No.**

NP 683513

## **Alternative Names**

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

### **PRODUCT SPECIFICATION**

#### **Molecular Weight**

14.3 kDa (126aa) confirmed by MALDI-TOF

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 10mM Sodium Citrate buffer (pH 3.5) containing 10% glycerol

#### **Purity**

> 90% by SDS-PAGE

#### **Endotoxin level**

< 1 EU per 1ug of protein (determined by LAL method)

# **Tag**

His-Tag

# **Application**

SDS-PAGE

# **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

# **BACKGROUND**

# **Description**

CCL28, also known as chemokine (C-C motif) ligand 28 or mucosae-associated epithelial chemokine (MEC), belongs to the subfamily of small cytokine CC proteins. CCL28 is expressed by columnar epithelial cells in the gut, lung, breast and the salivary glands and drives the mucosal homing of T and B lymphocytes that express



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CCR10, and the migration of eosinophils expressing CCR3. This chemokine is constitutively expressed in the colon, but its levels can be increased by pro-inflammatory cytokines and certain bacterial products implying a role in effector cell recruitment to sites of epithelial injury. Recombinant CCL28 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

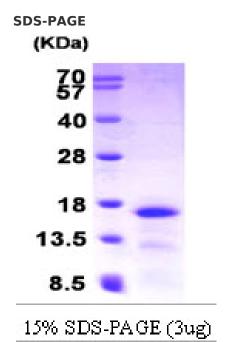
## **Amino acid Sequence**

MGSSHHHHHH SSGLVPRGSH MILPIASSCC TEVSHHISRR LLERVNMCRI QRADGDCDLA AVILHVKRRR ICVSPHNHTV KOWMKVQAAK KNGKGNVCHR KKHHGKRNSN RAHOGKHETY GHKTPY

#### **General References**

Pacheco-Rodriguez G., et al. (2009) J Immunol. 182(3):1270-7. Sundstrom P., et al. (2008) Eur J Immunol. 38(12):3327-38.

# **DATA**



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

