

Recombinant Human Chemokine (C-C Motif) Ligand 28, His-tagged

Cat. No. CCL28-113H **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Human CCL28 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. MW = 14.3 kDa (126aa).

Species Human

Source E.coli

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 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.

Amino Acid Sequence MGSSHHHHH SSGLVPRGSH MILPIASSCC TEVSHHISRR LLERVNMCRI
 QRADGDCDLA AVILHVKRRR ICVSPHNHTV KQWMKVQAAK KNGKGNVCHR
 KKHHGKRNSN RAHQGKHETY GHKTPY

Form Liquid. In 10mM Sodium Citrate pH3.5 containing 10% Glycerol.

Purity > 90% by SDS – PAGE.

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Concentration	1 mg/ml (determined by Bradford assay).
Endotoxin Level	< 1.0 EU per 1 µg of protein (determined by LAL method).
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
GENE INFORMATION	
Gene Name	CCL28 chemokine (C-C motif) ligand 28 [Homo sapiens]
Synonyms	CCL28; chemokine (C-C motif) ligand 28; MEC; CCK1; SCYA28; MGC71902; CC chemokine CCL28; small inducible cytokine A28; mucosae-associated epithelial chemokine; small inducible cytokine subfamily A (Cys-Cys), member 28; Mucosae-associated epithelial chemokine; Protein CCK1
Gene ID	56477
mRNA Refseq	NM_148672
Protein Refseq	NP_683513
MIM	605240
UniProt ID	Q9NRJ3
Chromosome Location	5p12
Pathway	Chemokine signaling pathway; Cytokine-cytokine receptor interaction; Signaling by GPCR

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Function

chemokine activity

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