

## Active Recombinant Human CCL28, HIgG1 Fc-tagged

**Cat. No.** CCL28-149H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	The extracellular domain of human CCL28 (AAH69532.1)(Ile23-Tyr127) is fused to the N-terminus of the Fc region of human IgG1 was expressed in CHO cell
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	23-127 a.a.
<b>Description</b>	This gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for resting CD4 or CD8 T cells and eosinophils. The product of this gene binds to chemokine receptors CCR3 and CCR10. This chemokine may play a role in the physiology of extracutaneous epithelial tissues, including diverse mucosal organs.
<b>Form</b>	Lyophilized from 0.2µm-filtered solution in PBS.
<b>Bio-activity</b>	Measured by its ability to chemoattract BaF3 mouse pro-B cells.
<b>Molecular Mass</b>	38KDa (monomer)
<b>AA Sequence</b>	Ile23-Tyr127

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<b>Endotoxin</b>	<0.06 eu/μg="" as="" determined="" by="" lal="" test.="">
<b>Purity</b>	>98%, by SDS-PAGE under reducing conditions.
<b>Stability</b>	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
<b>Reconstitution</b>	Reconstitute at 100μg/ml in sterile PBS.
<b>Warning</b>	Avoid freeze/thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	CCL28 chemokine (C-C motif) ligand 28 [ Homo sapiens ]
<b>Official Symbol</b>	CCL28
<b>Synonyms</b>	CCL28; chemokine (C-C motif) ligand 28; C-C motif chemokine 28; CC chemokine CCL28; CCK1; MEC; mucosae associated epithelial chemokine; SCYA28; small inducible cytokine A28; small inducible cytokine subfamily A (Cys Cys); member 28; small-inducible cytokine A28; mucosae-associated epithelial chemokine; chemokine (C-C motif) ligand 28 splice variant chi; small inducible cytokine subfamily A (Cys-Cys), member 28; MGC71902;
<b>Gene ID</b>	56477
<b>mRNA Refseq</b>	NM_148672
<b>Protein Refseq</b>	NP_683513
<b>MIM</b>	605240

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<b>UniProt ID</b>	Q9NRJ3
<b>Chromosome Location</b>	5p12
<b>Pathway</b>	Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; G alpha (i) signalling events, organism-specific biosystem;
<b>Function</b>	chemokine activity;

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