

## Product datasheet for **SC333748**

### CCL28 (NM\_001301874) Human Untagged Clone

#### Product data:

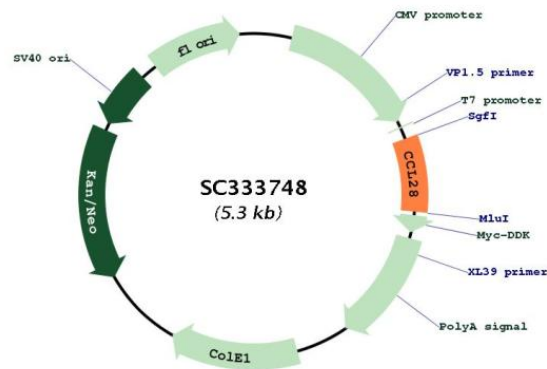
Product Type:	Expression Plasmids
Product Name:	CCL28 (NM_001301874) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCL28
Synonyms:	CCK1; MEC; SCYA28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333748 representing NM_001301874. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCAGCAGAGAGGACTCGCCATCGTGGCCTTGGCTGTCTGTGCGGCCCTACATGCCTCAGAAGCCATA
CTTCCCATTGCCTCCAGCTGTTGCACGGAGTTTCACATCATATTTCCAGAAGGCTCCTGGAAAGAGTG
AATATGTGTGCGCATCCAGAGAGCTGATGGGGATTGTGACTTGGCTGCTGCATCCTTCATGTCAAGCGC
AGAAGAATCTGTGTCAGCCCGCACAAACCATACTGTTAAGCAGTGGATGAAAGTGAAGCTGCCAAGAAA
AATGGTAAAGGAAATGTTTGCCACAGGAAGAAACACCATGGCAAGAGGAACAGTAACAGGGCACATCAG
GGGAAACACGAAACATACGGCCATAAACTCCTTATTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



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**Plasmid Map:**


**ACCN:** NM\_001301874

**Insert Size:** 384 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001301874.1](#)

RefSeq Size:	774 bp
RefSeq ORF:	384 bp
Locus ID:	56477
UniProt ID:	<a href="#">Q9NRJ3</a>
Cytogenetics:	5p12
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction
MW:	14.3 kDa

**Gene Summary:** This antimicrobial 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. Multiple transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Sep 2014]

Transcript Variant: This variant (3) differs in the 3' UTR compared to variant 1. Variants 1, 2, and 3 all encode the same isoform (a).