

Product datasheet for **RG235854**

CCL28 (NM_001301874) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CCL28 (NM_001301874) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: CCL28
Synonyms: CCK1; MEC; SCYA28
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235854 representing NM_001301874.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCAGCAGAGAGGACTCGCCATCGTGGCCTTGCTGTCTGTGCGGCCCTACATGCCTCAGAAGCCATA
CTTCCCATTGCCTCCAGCTGTTGCACGGAGTTTCACATCATATTTCCAGAAGGCTCCTGGAAAGAGTG
AATATGTGTCGCATCCAGAGAGCTGATGGGATTGTGACTTGGCTGCTGCATCCTTCATGTCAAGCGC
AGAAGAATCTGTGTCAGCCCGCACACCATACTGTTAAGCAGTGGATGAAAGTGAAGCTGCCAAGAAA
AATGGTAAAGGAAATGTTTGCCACAGGAAGAAACACCATGGCAAGAGGAACAGTAACAGGGCACATCAG
GGGAAACACGAAACATACGGCCATAAACTCCTTAT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235854
Blue=ORF Red=Cloning site Green=Tag(s)

```
MQQRGLAIVALVCAALHASEAILPIASSCCTEVSHHISRLLERVNMCRIQRADGDCDLAAVILHVKR
RRICVSPHNHTVKQWMKVQAACKNGKGNVCHRKKHHGKRNSNRAHQKHETYGHKTPY
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-MluI

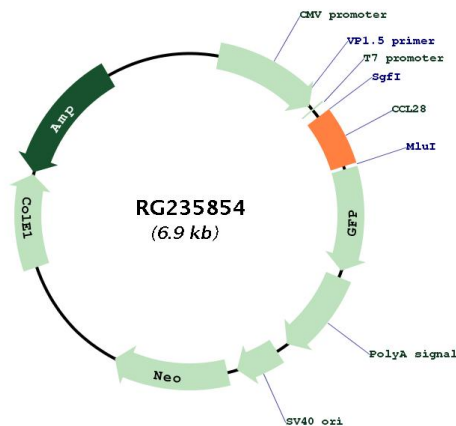


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Cloning Scheme:



Plasmid Map:



ACCN: NM_001301874

ORF Size: 381 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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).
RefSeq:	NM_001301874.2
RefSeq Size:	774 bp
RefSeq ORF:	384 bp
Locus ID:	56477
UniProt ID:	Q9NRJ3
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]