

## Product datasheet for RC232099

### C4ORF28 (PACRGL) (NM\_001258346) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** C4ORF28 (PACRGL) (NM\_001258346) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** PACRGL  
**Synonyms:** C4orf28  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC232099 representing NM\_001258346  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCAGAAATCAGAGGGCTCTGGAGGTACACAGTTGAAAAACAGAGCAACAGGTAACATGATCAAAGGA  
 CATCATCAAGCACACAGTTAAAACACAGGAATGCAGTTCAGGGAAGCAAATCCTCATTGCAACCAAGTTC  
 TCCAGAGTCTGCAAGAAACTTCATCCTAGACCAAGTGATAAACTGAACCCTAAAACAATTAATCCGGGT  
 CTGAGAGAGACTAAGCATCCATACACTTTTGTGTCAAAGGAGGGTTTTAGAGAATTACTTTTGGTCAAAG  
 GTGCTCCTGAAAAAGCTATTCTTTGCTACCTAGACTGATTCTGTGCTAAAGGCAGCTCTGGTCCATTC  
 GGATGATGAAGTGTGTTGAAAGAGGATTGAATGCTCTAGTTCAGCTAAGTGTGTTGTTGGTCTCTCTA  
 AACGACCATCTGAAGCATCTGCTTACAAGCGACCTGTGCAGCTCATGAGGTTCCCAAGACCACTTTAG  
 GTTTGATGATTTGCCAGAAGGATCCATGGAACCTCAGGAAAGCTGTTACTGGCTGTTATGGTTTCTTACAA  
 CACACAAAAAATAAGATTAATAATCAGCAAAGGGGAGCCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC232099 representing NM\_001258346  
 Red=Cloning site Green=Tags(s)

MQKSESGGTQLKNRATGNYDQRTSSSTQLKHRNAVQGSKSSLSTSSPESARKLHPRPSDKLNPKTINPG  
 LRETKHPYTFVSKEGFRELLLVKGAPEKAIPLLPRLIPVLKAALVHSDDEVFERGLNALVQLSVVVGPSL  
 NDHLKHLTSDPVQLMRFPRPLLGLMICQKDPWNSGKLLAVMVSYNTQKIKIKISKGEP

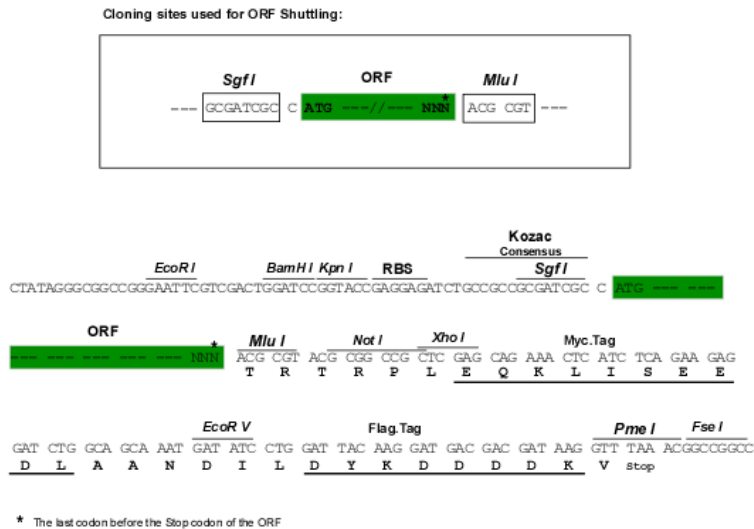
**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

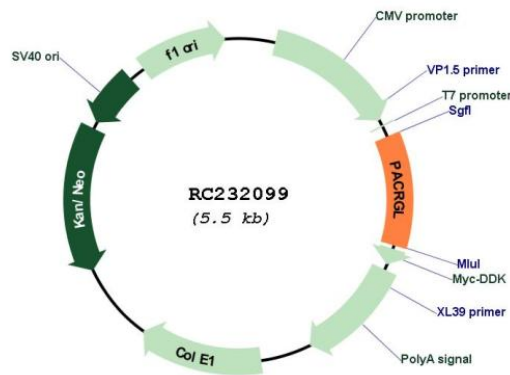


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Cloning Scheme:



Plasmid Map:



ACCN: NM\_001258346

ORF Size: 600 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).

**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\\_001258346.3](#)

**RefSeq Size:** 1864 bp

**RefSeq ORF:** 603 bp

**Locus ID:** 133015

**UniProt ID:** [Q8N7B6](#)

**Cytogenetics:** 4p15.31

**MW:** 22.5 kDa