

## Product datasheet for **RC205767**

### **C4ORF28 (PACRGL) (NM\_145048) Human Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C4ORF28 (PACRGL) (NM_145048) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C4ORF28
Synonyms:	C4orf28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC205767 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCAGAAATCAGAGGGCTCTGGAGGTACACAGTTGAAAAACAGAGCAACAGGTAACATGATCAAAGGA  
CATCATCAAGCACACAGTTAAAACACAGGAATGCAGTTCAGGGAAGCAAATCCTCATTGTCAACCAGTTC  
TCCAGAGTCTGCAAGAAACTTCATCCTAGACCAAGTGATAAACTGAACCCTAAAACAATTAATCCGTTT  
GGTGAACAGTCACGAGTGCCTTCTGCATTTGCAGCTATTTACTCTAAAGGAGGTATTCTTGCAGATTGG  
TACATGGTTCAGTAAAACACAGATTACAGTGGGAATGTCTCCTGAAAGTCTTTCATTTGATCCACTTCT  
TATTACTTTAGCTGAGGGTCTGAGAGAGACTAAGCATCCATACACTTTTGTGTCAAAGGAGGTTTTAGA  
GAATTACTTTTGGTCAAAGGTGCTCCTGAAAAAGCTATTCCTTTGCTACCTAGACTGATTCTGTGCTAA  
AGGCAGCTCTGGTCCATTCGGATGATGAAGTGTGTTGAAAGAGGATTGAATGCTCTAGTTCAGCTAAGTGT  
CGTTGTTGGTCTTCTCTAAACGACCATCTGAAGCATCTGCTTACAAGCGGGAGCCTTAGCATCATCAA  
TCTAAAATTCCAACATACTGCTCCATATGCTGT

**ACGCGT**ACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC205767 protein sequence  
Red=Cloning site Green=Tags(s)

MQKSEGGTQLKNRATGNYDQRTSSSTQLKHRNAVQGSKSSLSTSSPESARKLHPRPSDKLNPKTINPF  
 GEQSRVPSAFAAIYSKGGIPCRLVHGSVKHRLQWECPPESLSFDPLLITLAEGLRETKHPYTFVSKEGFR  
 ELLLKGAPEKAIPLLPRLIPVLKAALVHSDDEVFERGLNALVQLSVVVGPSLNDHLKHLLTSGSLSIK  
 SKIPTYCSICC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6326\\_f01.zip](https://cdn.origene.com/chromatograms/mk6326_f01.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_145048

**ORF Size:** 663 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\\_145048.5](#)

**RefSeq Size:** 2090 bp

**RefSeq ORF:** 666 bp

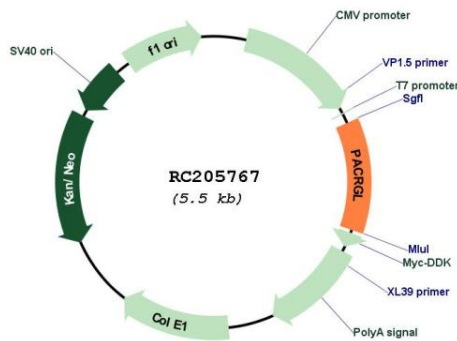
**Locus ID:** 133015

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

**Cytogenetics:** 4p15.31

**MW:** 24.1 kDa

**Product images:**



Circular map for RC205767