

Product datasheet for **RG205767**

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:	TurboGFP
Symbol:	C4ORF28
Synonyms:	C4orf28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG205767 representing NM_145048 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGAAATCAGAGGGCTCTGGAGGTACACAGTTGAAAAACAGAGCAACAGGTAACATGATCAAAGGA
CATCATCAAGCACACAGTTAAAACACAGGAATGCAGTTCAGGGAAGCAAATCCTCATTGTCAACCAGTTC
TCCAGAGTCTGCAAGAAACTTCATCCTAGACCAAGTGATAAACTGAACCCTAAAACAATTAATCCGTTT
GGTGAACAGTCACGAGTGCCTTCTGCATTTGCAGCTATTTACTCTAAAGGAGGTATTCCTTGAGATTGG
TACATGGTTCAGTAAAACACAGATTACAGTGGGAATGTCCTCCTGAAAGTCTTTCATTTGATCCACTTCT
TATTACTTTAGCTGAGGGTCTGAGAGAGACTAAGCATCCATACACTTTTGTGTCAAAGGAGGGTTTTAGA
GAATTACTTTTGGTCAAAGGTGCTCCTGAAAAAGCTATTCCTTTGCTACCTAGACTGATTCTGTGCTAA
AGGCAGCTCTGGTCCATTCGGATGATGAAGTGTGTTGAAAGAGGATTGAATGCTCTAGTTCAGCTAAGTGT
CGTTGTTGGTCTTCTCTAAACGACCATCTGAAGCATCTGCTTACAAGCGGGAGCCTTAGCATCATCAA
TCTAAAATTCCAACATACTGCTCCATATGCTGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG205767 representing NM_145048
 Red=Cloning site Green=Tags(s)

MQKSEGGTQLKNRATGNYDQRTSSSTQLKHRNAVQGSKSSLSTSSPESARKLHPRPSDKLNPKTINPF
 GEQSRVPSAFAAIYSKGGIPCRLVHGSVKHRLQWECPPESLSFDPLLITLAEGLRETKHPYTFVSKEGFR
 ELLLKGAPEKAIPLLPRLIPVLKAALVHSDDEVFERGLNALVQLSVVVGPSLNDHLKHLTSGLSIIK
 SKIPTYCSICC

TRTRPLE - GFP Tag - V

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: 1825 bp

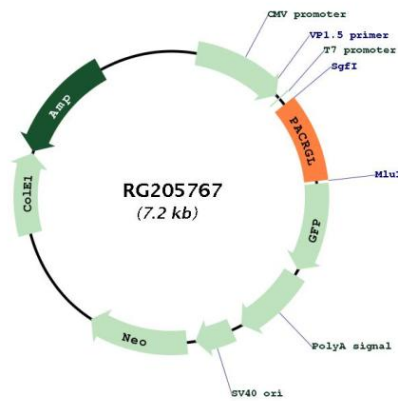
RefSeq ORF: 666 bp

Locus ID: 133015

UniProt ID: [Q8N7B6](#)

Cytogenetics: 4p15.31

Product images:



Circular map for RG205767