

Product datasheet for **RC232276**

C4ORF28 (PACRGL) (NM_001258345) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C4ORF28 (PACRGL) (NM_001258345) 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:	>RC232276 representing NM_001258345 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAGAAATCAGAGGGCTCTGGAGGTACACAGTTGAAAAACAGAGCAACAGGTAACATGATCAAAGGA
CATCATCAAGCACACAGTTAAAACACAGGAATGCAGTTCAGGGAAGCAAATCCTCATTGTCAACAGTTC
TCCAGAGTCTGCAAGAAACTTCATCCTAGACCAAGTGATAAACTGAACCCTAAAACAATTAATCCGTTT
GGTGAACAGTCACGAGTGCCTTCTGCATTTGCAGCTATTTACTCTAAAGGAGGTATTCCTTGAGATTGG
TACATGGTTCAGTAAAACACAGATTACAGTGGGAATGTCCTCCTGAAAGTCTTTCATTTGATCCACTTCT
TATTACTTTAGCTGAGGGTCTGAGAGAGACTAAGCATCCATACACTTTTGTGTCAAAGGAGGGTTTTAGA
GAATTACTTTTGGTCAAAGGTGCTCCTGAAAAAGCTATTCCTTTGCTACCTAGACTGATTCCTGTGCTAA
AGGCAGCTCTGGTCCATTCGGATGATGAAGTGTGTTGAAAGAGGATTGAATGCTCTAGTTCAGCTAAGTGT
CGTTGTTGGTCTTCTCTAAACGACCATCTGAAGCATCTGCTTACAAGCCTTTCGAAGAGATTAATGGAC
AAGAAATTCAAAGAGCCAATCACCAGCGCATTACAAAAGCTAGAGCAACATGGTGAAGTGGGAGCCTTA
GCATCATCAAATCTAAAATTC AACATACTGCTCCATATGCTGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC232276 representing NM_001258345
Red=Cloning site Green=Tags(s)

MQKSEGGTQLKNRATGNYDQRTSSSTQLKHRNAVQGSKSSLSTSSPESARKLHPRPSDKLNPKTINPF
 GEQSRVPSAFAAIYSKGGIPCRLVHGSVKHRLQWECPPESLSFDPLLITLAEGLRETKHPYTFVSKEGFR
 ELLLKGAPEKAIPLLPRLIPVLKAALVHSDDEVFERGLNALVQLSVVVGPSLNDHLKHLITSLSKRLMD
 KKFKEPITSALQKLEQHGGSGLSIIKSKIPTYCSICC

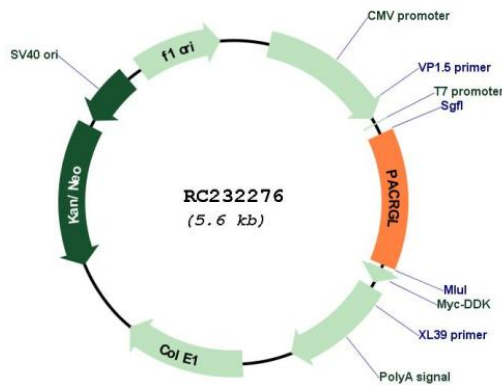
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001258345
ORF Size: 744 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:	<ol style="list-style-type: none">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_001258345.3
RefSeq Size:	2171 bp
RefSeq ORF:	747 bp
Locus ID:	133015
UniProt ID:	Q8N7B6
Cytogenetics:	4p15.31
MW:	27.6 kDa