

Product datasheet for **RG225069**

C4ORF28 (PACRGL) (NM_001130727) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C4ORF28 (PACRGL) (NM_001130727) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: PACRGL
Synonyms: C4orf28
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG225069 representing NM_001130727
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGAAATCAGAGGGCTCTGGAGGTACACAGTTGAAAAACAGAGCAACAGGTAACATGATCAAAGGA
CATCATCAAGCACACAGTTAAAACACAGGAATGCAGTTCAGGGAAGCAAATCCTCATTGTCAACCAGTTC
TCCAGAGTCTGCAAGAAACTTCATCCTAGACCAAGTGATAAACTGAACCCTAAAACAATTAATCCGGTC
CATTCCGATGATGAAGTGTGAAAGAGGATTGAATGCTCTAGTTCAGCTAAGTGTGTTGTTGGTCCTT
CTCTAAACGACCATCTGAAGCATCTGCTTACAAGCGGGAGCCTTAGCATCATCAAATCTAAAATTCCAAC
ATACTGCTCCATATGCTGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG225069 representing NM_001130727
Red=Cloning site **Green**=Tags(s)
MQKSEGGTQLKNRATGNYDQRTSSSTQLKHRNAVQGSKSSLSTSSPESARKLHPRPSDKLNPKTINPV
HSDDEVFERGLNALVQLSVVVGPSLNDHLKHLTSGSLSIISKIPTYCSICC

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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:	<u>NM_001130727.3</u>
RefSeq Size:	1796 bp
RefSeq ORF:	372 bp
Locus ID:	133015
UniProt ID:	<u>Q8N7B6</u>
Cytogenetics:	4p15.31