

Product datasheet for RG228728

C1orf210 (NM 001164829) Human Tagged ORF Clone

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

EU: info-de@origene.com CN: techsupport@origene.cn

Product data:

Product Type: Expression Plasmids

Product Name: C1orf210 (NM_001164829) Human Tagged ORF Clone

Tag: **TurboGFP** Symbol: C1orf210

TEMP Synonyms:

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >RG228728 representing NM_001164829 Red=Cloning site Blue=ORF Green=Tags(s) Sequence:

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGAATGAGACAAACAAACACTTGTTGGGCCTTCGGAGCTCCCCACAGCGTCTGCTGTGGCCCCTGGCC CAGGCACTGGGGCTCGGGCATGGCCTGTGCTGGTAGGATTTGTGCTGGGGGGCTGTGGTCCTCTCGCTCCT CATTGCACTTGCTGCCAAATGCCACCTCTGCCGCCGATACCATGCCAGCTACCGGCACCGCCCACTGCCT GAGACAGGAAGGGGAGGCCGCCCACAGGTGGCTGAAGATGAGGATGATGATGGCTTCATCGAGGACAATT

ACATTCAGCCTGGGACTGGCGAGCTGGGGACAGAGGGTAGCAGGGACCACTTCTCCCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG228728 representing NM_001164829

Red=Cloning site Green=Tags(s)

MNETNKTLVGPSELPTASAVAPGPGTGARAWPVLVGFVLGAVVLSLLIALAAKCHLCRRYHASYRHRPLP

ETGRGGRPQVAEDEDDDGFIEDNYIQPGTGELGTEGSRDHFSL

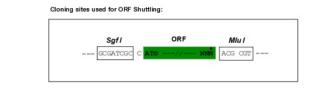
TRTRPLE - GFP Tag - V

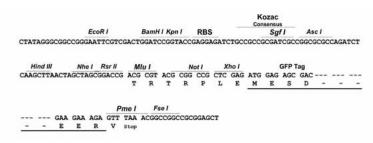
Restriction Sites: Sgfl-Mlul



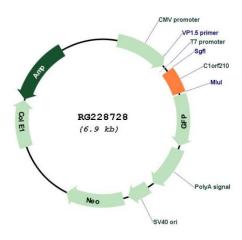


Cloning Scheme:





Plasmid Map:



ACCN: NM 001164829

ORF Size: 339 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



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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: 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 001164829.2</u>

RefSeq Size: 1424 bp
RefSeq ORF: 342 bp
Locus ID: 149466
UniProt ID: Q8IVY1
Cytogenetics: 1p34.2

Protein Families: Transmembrane

Gene Summary: May be involved in membrane trafficking between endosomes and plasma membrane.

[UniProtKB/Swiss-Prot Function]