

Product datasheet for **RG228728**

C1orf210 (NM_001164829) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf210 (NM_001164829) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C1orf210
Synonyms: TEMP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG228728 representing NM_001164829
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAATGAGACAAACAAACACTTGTGGGCCTTCGGAGCTCCCCACAGCGTCTGCTGTGGCCCCTGGCC
 CAGGCACTGGGGCTCGGGCATGGCCTGTGCTGGTAGGATTTGTGCTGGGGCTGTGGTCTCTCGCTCCT
 CATTGCACTTGTGCCAAATGCCACCTTGCCGCCGATACCATGCCAGCTACCGGACCGCCCACTGCCT
 GAGACAGGAAGGGGAGGCCGCCACAGGTGGCTGAAGATGAGGATGATGATGGCTTCATCGAGGACAATT
 ACATTCAGCCTGGGACTGGCGAGCTGGGACAGAGGGTAGCAGGGACCACTTCTCCCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG228728 representing NM_001164829
 Red=Cloning site Green=Tags(s)
 MNETNKTLVGPSELPTASAVAPGPGTGARAWPVLVGFVLGAVVLSLLIALAAKCHLCRRYHASYRHRPLP
 ETGRGGRPQVAEDEDGDFIEDNYIQPGTGELGTEGSRDHFSL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-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_001164829.2</u>
RefSeq Size:	1424 bp
RefSeq ORF:	342 bp
Locus ID:	149466
UniProt ID:	<u>Q8IVY1</u>
Cytogenetics:	1p34.2
Protein Families:	Transmembrane
Gene Summary:	May be involved in membrane trafficking between endosomes and plasma membrane. [UniProtKB/Swiss-Prot Function]