

Product datasheet for **RG210369**

C4orf17 (NM_032149) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C4orf17 (NM_032149) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C4orf17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG210369 representing NM_032149 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACCTCAACCCCGACATCTGCTCTTCAGATCGAGGGCAAAGGCAGCCATATTATGGCTAGAAATG
TAAGCTGCTTTCTAGTCAGGCACACCCCTCATCCAGAAGAGTCTGCCACATCAAAGGCTTGAATAACAT
TCCAATCTGTACTGTGAATGATGATGAGAATGCATTTGGAACATTGTGGGAAGTTGGCCAGTCTAACTAC
TTAGAGAAGAACAGGATACCATTTGCCAATTGCAGTTACCCCCCAGCACTGCAGTCCAGAAGAGCCCTG
TAAGAGGAATGTCGCCAGCCCCAAACGGTGCCAAAGTGCCTCCACGGCCTCATTCTGAGCCAGTAGAAA
AATTAAGAGTGTCTCAAACCTTCCAGTGAGAATCCCTTAGTAATTAAGGAAGAAATTAAGGCCAAA
AGACCACCATCACCTCCAAGGCATGCTCTACTCCTGGCTCCTGTTCTCAGGGATGACAAGTACCAAGA
ATGATGTGAAAGCAAACACCATTTGCATACCAAATCTGGATCAGGAAATAAAATCCTGGCAAAGCT
CTGTAGCATTTTGCATACTGATTCTCTGGCAGAAGTTTTACAGTGGCTGCTTCATGCAACTTCAAAGAA
AAAGAGTGGGTCTCAGCTTTGATTCATTCTGAGCTTGCCGAGATAAACCTGTTAACTCATCACAGAAGAA
ACACCTCAATGGAACCAGCAGCAGAGACTGGGAAGCCACCCACAGTTAAATCACCACCCACAGTTAAATT
GCCCCAAATTTTACTGCAAAATCAAAGTGTGACCAGAGATACAGAAGGGGATCAACCAACCAGAGTG
TCAAGTCAAGGATCTGAAGAAAACAAGGAAGTACCAAAGAGGCTGAGCACAAGCCTCCACTACTTATAA
GAAGAAATAATATGAAAATACCTGTTGAGAATATTTAGCAAACCAAATTCCTCCAGGCCTAACAC
TCAGGAGAGTGGATCAGCAAACAGTGTGAGCAAGGAGTATACAAGAATACAACCTCTGTCCCAAAGA
GCATGTTATCCTTCAACACACCGGAGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG210369 representing NM_032149
Red=Cloning site Green=Tags(s)

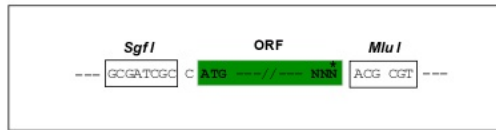
MNLNPPTSALQIEGKGSHIMARNVSCFLVRHTPHPRRVCHIKGLNNIPICTVNDDENAFGTLWEVGQSNY
 LEKNRIPFANCYPPSTAVQKSPVRGMSAPNGAKVPPRPHSEPSRKIKECFKTSSENPLVIKKEEIKAK
 RPPSPPKACSTPGSCSSGMTSTKNDVKANTICIPNYLDQEIKILAKLCSILHTDLSAEVLQWLLHATSKE
 KEWVSALIHSELAEINLLTHRRRNTSMEPAEATGKPPTVKSPPTVKLPPNFTAKSKVLTRDTEGDQPTRV
 SSQGSSEENKEVPKEAEHKPPLLIRRNMMKIPVAEYF SKPNSPRPNTQESGSAKPVARSISIQEYNLCPQR
 ACYPSTHRR

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_032149

ORF Size: 1077 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_032149.1](#), [NP_115525.1](#)

RefSeq Size: 1613 bp

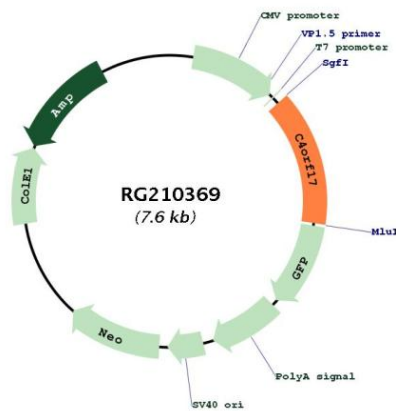
RefSeq ORF: 1080 bp

Locus ID: 84103

UniProt ID: [Q53FE4](#)

Cytogenetics: 4q23

Product images:



Circular map for RG210369