

## Product datasheet for **RG201435**

### **C11orf49 (NM\_024113) Human Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C11orf49 (NM_024113) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C11orf49
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG201435 representing NM_024113 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTGAGTCCGGAGCGCCTAGCCCTACCGACTACGAGTATCTGGCTCAGCGACATGTCCTCACCTACA  
TGGAGGATGCAGTGTGCCAGCTGCTAGAAAACAGGGAAGATATTAGCCAATATGGAATTGCCAGGTTCTT  
CACTGAATATTTAACAGTGTATGCCAGGGAACACACATTCTCTTCGAGAATTCAGCTTCGTCCAAGCC  
ACCCCCACAATAGGGTATCATTTTTACGGGCTTCTGGAGATGCTTCCGAACTGTGGGCAAAAATGGCG  
ATTTGCTGACCATGAAAGAATATCACTGTTTGTGCAATTACTGTGCTGCTGATTTCCCGTGGAGCTCA  
TCAGAAAGCAGCCAGGATTGTGCTCATGGACGATGCCATGGACTGCTTGATGCTTTTTTCAGATTTCTC  
TTTGCCTTCCAGATCCAGTTTTACTACTCAGAATTCCTGGACAGTGTGGCTGCCATCTATGAGGACCTGC  
TGTGAGGCAAGAACCCCAACACAGTATTGTGCCGACGTCGTCCAGTGGGACGACCCGCAACGACCTGC  
CTTGGGCGGGCCGGCACGCTGGAGGGCGTGGAGGCGTGCCTGTTCTACCAAGTGTCTGAAAACTGTGT  
GATCGGCACAAGTACAGCTGCCACCCAGCACTTGTCAAAGAGGCCCTCAGCAATGTTGAGAGACTGA  
CCTTCTATGGATTCCTCATGGCTCTCTCAAAGCACCGTGAATCAACCAAGCCCTCGGAGCTTTGCCTGA  
CAAGGGGATCTGATGCACGACCCAGCAATGGATGAAGAGCTGGAACGGCTGCTGGCCAGTCCCAGGC  
CTGGTCAACTCGGTCACAGCCAGTCCAGAGGCCAGTTGCCTGCCTTCCCGACCCCTCCCGGGTTGGCT  
CTCCCTGGAGACCTCTCCATCATTCCCAAAAGTGGATGGAGAGAGTGTGGCTCCACTGAAGAGACAGA  
CGAGTCGGAGACT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG201435 representing NM\_024113  
 Red=Cloning site Green=Tags(s)

MLSPERLALPDYEYLAQRHVLT YMEDAVCQLENREDISQYGIARFFTEYFNSVCQGTHILFREFSFVQA  
 TPHNRVSFLRAFWRFCRTVVGKNGDLLTMKEYHCLLQLLCPDFPLELTQKAARIVLMDDAMDCLMSFSDFL  
 FAFQIQFYSEFLDSVAAIYEDLLSGKNPNTVIVPTSSSGQHRQRPALGGAGTLEGVEASLFYQCLLENLC  
 DRHKYSCPPPALVKEALSNVQRLTFYGFMLALSKHRGINQALGALPDKGDLMHDPAMDEELERLLAQVPG  
 LVNSVTASPEASCLPSRTPPRVGSPPWRPLHHSRKVDGESDGSSTEETDESET

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_024113

**ORF Size:** 993 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\\_024113.5](#)

**RefSeq Size:** 1735 bp

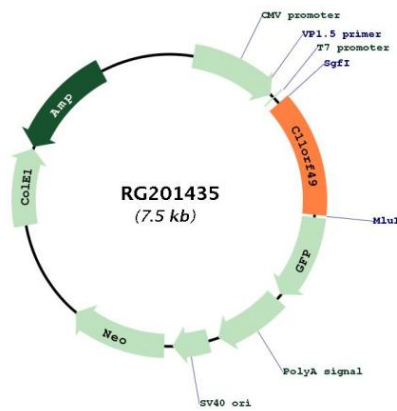
**RefSeq ORF:** 996 bp

**Locus ID:** 79096

**UniProt ID:** [Q9H6J7](#)

**Cytogenetics:** 11p11.2

**Product images:**



Circular map for RG201435