

Product datasheet for **RG214855**

C1orf61 (NM_006365) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf61 (NM_006365) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C1orf61
Synonyms: CROC4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG214855 representing NM_006365
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTCTGACTGAGGATCTCATAACATTTAACTTGAGGAACCTCCTCCTTTCCAGCTTTGGGAGTCAA
GCTTCTCACCTGGGGCGGGTGGTTCTGCACCACCCTCCACCCTCCTCCTCCGTGTGGACGATAGAGC
CACATCCAGCACCACGGACAGCTCCCGGGCGCCTTCATCTCCTCGTCCTCAGGCAGCACAAAGCCATTGT
GGAATCTCCACCAGGTGTACAGAACGGTGCCTCTGCGTCCTGCCACTCAGGACCTCTCAAGTCCCCGATG
TGATGGCTCCTCAGCATGATCAGGAGAAATTCATGATCTTGCTTATTCCTGTCTTGGGAAGTCCTTCTC
CATGTCTAACCAAGATCTATATGGCTATAGCACCAGCTCTTTGGCTTTGGCTTGGCATGGCTAAGTTGG
GAGACCAAAAAGAAGAATGTACTTCATCTGTTGGCTGGATTCCCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG214855 representing NM_006365
Red=Cloning site Green=Tags(s)

MFLTEDLITFNLRFLLFQLWESSFSPGAGGFCTLPPSFLRVDDRATSTTDSSRAPSSPRPPGSTSHC
GISTRCTERCLCVLPLRTSQVPDVMAPQHDKFHDLAYSCLGKSFMSNQDLYGYSTSSLLALGLAWSW
ETKKNVHLVGLDSL

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_006365

ORF Size: 468 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_006365.3](#)

RefSeq Size: 879 bp

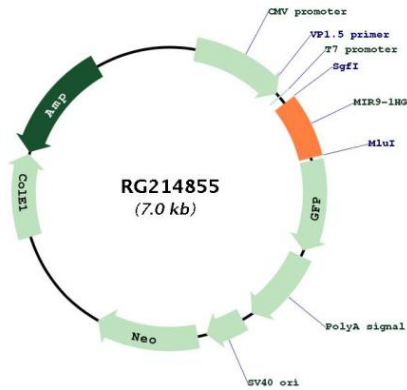
RefSeq ORF: 471 bp

Locus ID: 10485

UniProt ID: [Q13536](#)

Cytogenetics: 1q22
Protein Families: Transcription Factors
Gene Summary: May play a role in FOS signaling pathways involved in development and remodeling of neurons. Promotes transcription of the FOS promoter.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG214855