

Product datasheet for **RG201680**

C20orf195 (FNDC11) (NM_024059) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C20orf195 (FNDC11) (NM_024059) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C20orf195
Synonyms:	C20orf195
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG201680 representing NM_024059 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAGCACCCATGTGGCAGGCCTGGGCCTGGACAAGATGAAGCTGGGCAATCCCCAGTCCTTCTGGACC
 AGGAGGAGGCAGATGACCAGCAGCTGCTGGAACAGAGGCGTGGAAGACCTACACCGAGCGCCGCAATGC
 CCTGCGTGAGTTCCTGACCTCGGACCTGAGTCCGCACCTGCTCAAGCGCCACCACGCCCGCATGCAGCTG
 CTGCGTAAGTGCTCCTACTACATCGAGGTCCTGCCAAGCACCTGGCCCTGGGCGACCAGAACCCGCTGG
 TGCTGCCTAGCGCCTTGTCCAGCTCATCGACCCCTGGAAGTTCCAGCGCATGAAGAAGGTGGGCACAGC
 TCAGACCAAGATCCAGCTCCTGCTGCTCGGGGACCTGTTGGAACAGCTCGACCATGGCCGTGCTGAGCTG
 GATGCCCTGCTCCGGTCCGACAGCCACGGCCCTTCTGGCCGACTGGGCGCTGGTGAGCGGCGGCTGG
 CGGACGTGTGGCCGTCATGGACAGCTTCTGACCATGATGGTGCCGGGGCGGCTACACGTCAAGCACCG
 CCTGGTGTCTGATGTCAGTGCCACCAAGATCCCGCACATCTGGCTCATGCTGAGCACCAAGATGCCTGTC
 GTGTTTGACCGAAAGGCGTCGGCGGCTCACCAGGACTGGGCCCGGCTGCGCTGGTTCGTACCATCCAGC
 CAGCCACATCGGAGCAGTATGAGTTGCGCTTCAGGCTGCTGGACCCGCGGACACAGCAGGAGTGCGCCCA
 GTGTGGCGTCATCCCGTGGCTGCCTGCACCTTCGACGTCCGAAACCTGCTGCCCAACCGATCCTATAAG
 TTCACCATCAAGAGGGCCGAGACCTCCACGCTGGTGTACGAGCCCTGGAGGGACAGCCTCACCCTGCACA
 CCAAGCCGAGCCCTGGAGGGGCCCGCCCTCAGCCACTCTGTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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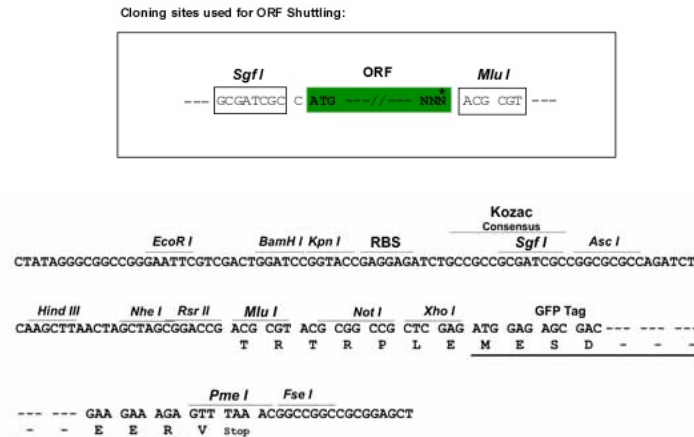
Protein Sequence: >RG201680 representing NM_024059
 Red=Cloning site Green=Tags(s)

MSTHVAGLGLDKMKLGNPQSFLDQEEADDQQLLEPEAWKTYTERRNALREFLTSDLSPHLLKRHHARMQL
 LRKCSYYIEVLPHKHLALGDQNPVLPSALFQLIDPWKFQRMKKVGTAQTKIQLLLGDLLEQLDHGRAEL
 DALLRSPDPRPFLADWALVERRLADVSAVMDSFLTMMVPGRLHVKHRLVSDVSATKIPHIWMLSTKMPV
 VFDRKASAAHQDWARLRWFVTIQPATSEQYELRFRLDPRTQCEACQCGVIPVAACTFDVRNLLPNRSYK
 FTIKRAETSTLVYEPWRDSLTLHTKPEPLEGPALSHSV

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024059

ORF Size: 954 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_024059.3](#)

RefSeq Size: 1124 bp

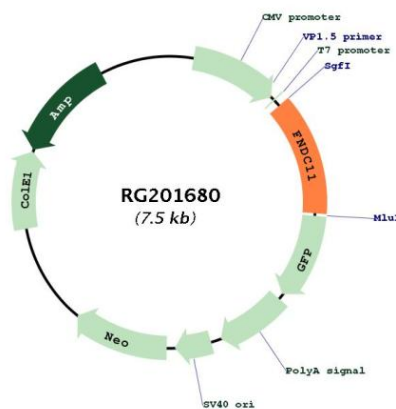
RefSeq ORF: 957 bp

Locus ID: 79025

UniProt ID: [Q9BVV2](#)

Cytogenetics: 20q13.33

Product images:



Circular map for RG201680