

Product datasheet for **RG200164**

C1orf56 (NM_017860) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf56 (NM_017860) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C1orf56
Synonyms: MENT
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG200164 representing NM_017860
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTCCCCGCCCGCGCGCTGCTGTGGTCTGCTGCTGAATCTGGGTCCCCGGCGCGGGGGCCC
 AAGGCCTGACCCAGACTCCGACCGAAATGCAGCGGGTCAGTTTACGCTTTGGGGGCCCATGACCCGAG
 CTACCGGAGCACCGCCCGACTGGTCTTCCCCGGAAGACAAGGATAATCCTAGAGGACGAGAATGATGCC
 ATGGCCGACGCCACCGCTGGCTGGACCAGCGGCTGCCGAGCTCTGGCCGCCACGGTGTCCACCGGT
 TTAGCCGGTCTGTCGCCATTAACGAGGAGGATGGGTCTTCAAGAGAGGGGTTGTGATTAATGCCGAAA
 GGATAGCACCCAGCAGAGACTTCCAGTGCAGTCCCAATACAGCGGGGAGTTCCAGCAGAGGTTTATA
 GCCAATAGTCAGGAGCCTGAAATCAGGCTGACTTCAAGCCTGCCGCGCTCCCCGGGAGGTCTACTGAGG
 ACCTGCCAGGCTCGCAGGCCACCCTGAGCCAGTGGTCCACACCTGGGTCTACCCGAGCCGGTGGCCGTC
 ACCCTCACCCACAGCCATGCCATCTCCTGAGGATCTGCGGCTGGTGTGATGCCCTGGGGCCCGTGGCAC
 TGCCACTGCAAGTCGGGCACCATGAGCCGAGCCGGTCTGGGAAGCTGCACGGCCTTCCGGGCGCCTTC
 GAGTTGGGGCGCTGAGCCAGCTCCGCACGGAGCACAAGCCTTGCACCTATCAACAATGTCCCTGCAACCG
 ACTTCGGAAGAGTGCCCTGGACACAAGTCTGTACTGACACCAACTGTGCCTCTCAGAGCACCACC
 AGTACCAGGACCACCACTACCCCTTCCCACCATCCACCTCAGAAGCAGTCCAGCCTGCCACCCGCCA
 GCCCTGCCAGCCCTGGCTTTTGGAAACGGGTGAGGATTGGCCTGGAGGATATTTGGAATAGCCTCTC
 TTCAGTGTTACAGAGATGCAACCAATAGACAGAAACCAGAGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_017860.5](#)

RefSeq Size: 2055 bp

RefSeq ORF: 1026 bp

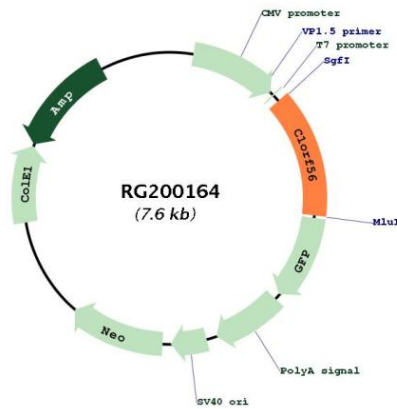
Locus ID: 54964

UniProt ID: [Q9BUN1](#)

Cytogenetics: 1q21.3

Gene Summary: This gene is a proto-oncogene whose promoter is methylated by DNA methyltransferase 3B (DNMT3B), which represses the proto-oncogene. However, a catalytically inactive isoform of DNMT3B is overexpressed in lymphomas, leading to hypomethylation of the proto-oncogene's promoter and derepression of the proto-oncogene. [provided by RefSeq, Sep 2016]

Product images:



Circular map for RG200164