

## Product datasheet for **RG206806**

### MED19 (NM\_153450) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** MED19 (NM\_153450) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** MED19  
**Synonyms:** DT2P1G7; LCMR1; MED19AS  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG206806 representing NM\_153450  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGAATTTACGGCACTGTTGGGGCTCAGGCTGACCCACCACCGCCCCAACCGCACTCGGCTTCG  
 GACCAGGAAAGCCTCCACCCCGCCACCGCCTCCTGCGGGCGGGGACCGGCACGGCCCCGCTCCCAC  
 CGCGGCCACGGCTCCTCTGGCGCGGACAAGTCAAGGAGCTGGCTGTGGCCCTTTTACCTCATGAGGGAA  
 CTGCCAGGTAGCACAGAGCTGACAGGCAGCACGAATCTGATCACACACTACAACCTGGAACAAGCCTATA  
 ATAAATCTGTGGGAAGAAGGTGAAGGAGAAGCTAAGTAACTTCTGCCTGACCTGCCAGGGATGATTGA  
 TCTGCCTGGTTCCCATGATAACAGCAGCCTCCGCTCTCTCATTGAGAAGCCCCCTATTCTCAGTAGCTCT  
 TTCAATCCTATCACAGGGACCATGCTGGCCGGCTTCCGCCTCCACACTGGCCCGTTGCCGGAGCAGTGTC  
 GTCTGATGCATATTCAGCCTCCAAGAAGAAGAATAAGCACAAGCACAAACAGAGCCGTACCCAGGATCC  
 TGTCACCCAGGTAACCCAGT

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >RG206806 representing NM\_153450  
 Red=Cloning site Green=Tags(s)

MENFTALFGAQADPPPPPTALGFGPGKPPPPPPAGGGPGTAPPPTAATAPPGADKSGAGCGPFYLMRE  
 LPGSTELTGSTNLITHYNLEQAYNKFCGKKVKEKLSNFLPDLPGMIDLPGSHDNSSLRSLIEKPPILSSS  
 FNPITGTMLAGFRLHTGPLPEQCRLMHIQPPKKKNKHKHKQSRTQDPVPPGKPS

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



**Cloning Scheme:**


**ACCN:** NM\_153450

**ORF Size:** 582 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\\_153450.4](#)

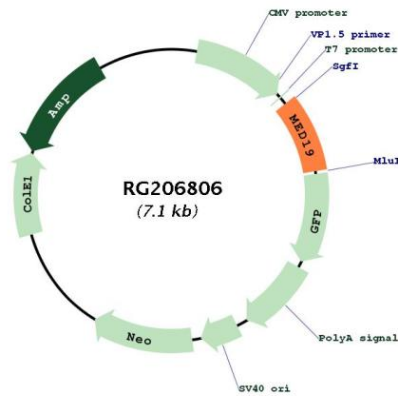
**RefSeq Size:** 1605 bp

**RefSeq ORF:** 585 bp

**Locus ID:** 219541

**UniProt ID:** [A0JLT2](#)  
**Cytogenetics:** 11q12.1  
**Protein Families:** Druggable Genome  
**Gene Summary:** The protein encoded by this gene is a subunit of the Mediator complex, which binds to gene-specific regulatory factors and provides support for the basal RNA polymerase II transcription machinery. This gene has been implicated in the growth of several types of cancer, and inhibition of its expression inhibits the growth and spread of these cancers. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]

**Product images:**



Circular map for RG206806