

## Product datasheet for **RG236336**

### MED6 (NM\_001284210) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** MED6 (NM\_001284210) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** MED6  
**Synonyms:** ARC33; NY-REN-28  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG236336 representing NM\_001284210.  
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGCGGTGGATATCCGAGACAATCTGCTGGGAATTTCTGGGTTGACAGCTCTTGATCCCTATT
TTGAACAGTGGTAGTGTCTGGATTACTTTTCAGAAAGAAGTAATCCTTTTTATGACAGAACATGTAAT
AATGAAGTGGTCAAAATGCAGAGGCTAACATTAGAACACTTGAATCAGATGGTTGGAATCGAGTACATC
CTTTTGCATGCTCAAGAGCCCATTTTTCATCATTCCGAAGCAACAGCGGCAGTCCCCTGCCCAAGTT
ATCCCACTAGCTGATTACTATATCATTGCTGGAGTGATCTATCAGGCACCAGACTGGGATCAGTTATA
AACTCTAGAGTGCTTACTGCAGTGCATGGTATTAGTCAGCTTTTGGATGAAGCTATGTCATACTGTCGA
TATCATCCTTCCAAAGGGTATTGGTGGCACTTCAAAGATCATGAAGAGCAAGCTAAAGCCTGGAGAAAA
GCCTGTTCCAGTGGATCAAAACAAAGAAAGAGGCAGAACCATAACAGAACTGTAAAACC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG236336  
Blue=ORF Red=Cloning site Green=Tag(s)

```
MAAVDIRDNLGISWVDSWIPIINSGSVLDYFERSNPFYDRTCNNEVVKMQRLEHLNQMGVIEYI
LLHAQEPILFIIKQQRQSPAQVIPLADYYIIAGVIYQAPDLGSVINSRVLTAVHGIQSAFDEAMSYCR
YHPSKGYWWHFKDHEEQAKAWRKACSSGSKNERGRYTRNCKT
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

**Restriction Sites:** SgfI-MluI



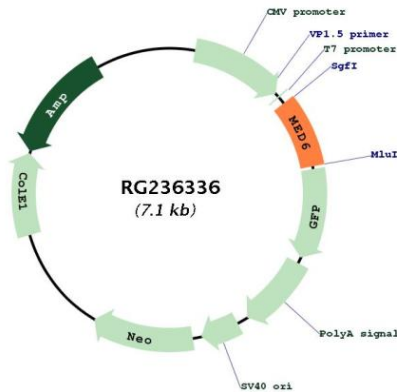
[View online »](#)

**Cloning Scheme:**


- ACCN:** NM\_001284210
- ORF Size:** 543 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).
- RefSeq:** [NM\\_001284210.1](#), [NP\\_001271139.1](#)
- RefSeq Size:** 2270 bp
- RefSeq ORF:** 546 bp
- Locus ID:** 10001
- UniProt ID:** [O75586](#)
- Cytogenetics:** 14q24.2
- Protein Families:** Druggable Genome, Transcription Factors
- MW:** 21.3 kDa

**Gene Summary:**

Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors.[UniProtKB/Swiss-Prot Function]

**Product images:**


Circular map for RG236336