

Product datasheet for **RG236961**

MED6 (NM_001284209) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MED6 (NM_001284209) 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:	>RG236961 representing NM_001284209. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGCGGTGGATATCCGAGACAATCTGCTGGGAATTTCTTGGGTTGACAGCTCTTGATCCCTATT
TTGAACAGTGGTAGTGTCTGGATTACTTTTCAGAAAGAAGTAATCCTTTTTATGACAGAACATGTAAT
AATGAAGTGGTCAAAATGCAGAGGCTAACATTAGAACACTTGAATCAGATGGTTGGAATCGAGTACATC
CTTTTGCATGCTCAAGAGCCATTCTTTTCATCATTTCGGAAGCAACAGCGGCAGTCCCCTGCCCAAGTT
ATCCCACTAGCTGATTACTATATCATTGCTGGAGTGATCTATCAGGCACCAGACTGGGATCAGTTATA
AACTCTAGAGTGAGTTTATTTTCTTTTACAAGCTTACTGCAGTGCATGGTATTCAGTCAGCTTTTGAT
GAAGCTATGTCATACTGTGATATCATCTTCCAAAGGGTATTGGTGGCACTTCAAAGATCATGAAGAG
CAAGATAAAGTCAGACCTAAAGCCAAAAGGAAAGAAGAACCAAGCTCTATTTTTTCAGAGACAACGTGTG
GATGCTTTACTTTTAGACCTCAGACAAAATTTCCACCCAAATTTGTGCAGCTAAAGCCTGGAGAAAAG
CCTGTTCCAGTGGATCAAACAAAGAAAGAGGCAGAACCTATACCAGAACTGTAAAACCTGAGGAGAAG
GAGACCACAAAGAATGTACAACAGACAGTGAGTGCTAAAGGCCCCCTGAAAAACGGATGAGACTTCAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG236961
 Blue=ORF Red=Cloning site Green=Tag(s)

MAAVDIRDNL LGISWVDSSWIPILNSGSLVDYFSERSNPFYDRTCNEEVVKMQRLTLEHLNQMVGIEYI
 LLHAQEPILFIIRKQQRQSPAQVIPLADYYIIAGVIYQAPDLGSVINSRVSLFSFYKLTAVHGIQSAFD
 EAMSYCRYHPKGYWWHFKDHEEQDKVRPKAKRKEEPSSIFQRQRVDALLDLRQKFPKFKVQLKPGEK
 PVPVDQTKKEAEP I P E T V K P E E K E T T K N V Q Q T V S A K G P P E K R M R L Q
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
 SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001284209

ORF Size: 759 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).

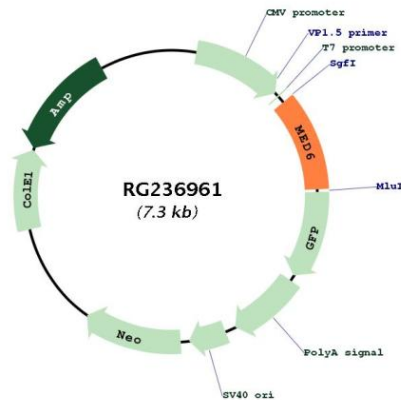
RefSeq: [NM_001284209.1](#), [NP_001271138.1](#)

RefSeq Size: 2407 bp

RefSeq ORF: 762 bp

Locus ID: 10001
UniProt ID: [O75586](#)
Cytogenetics: 14q24.2
Protein Families: Druggable Genome, Transcription Factors
MW: 29.7 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 RG236961