

Product datasheet for **RG218320**

MED8 (NM_001001654) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: MED8 (NM_001001654) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: MED8
Synonyms: ARC32, MGC17544, MGC19641
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG218320 representing NM_001001654
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAGAGAGAGGAGAAGCAGCTTGAGGCATCATTAGATGCACTGCTGAGTCAAGTGGCTGATCTGAAGA
 ACTCTCTGGGGAGTTTCATTTGCAAGTTGGAGAACGAGTATGGCCGGCTGACCTGGCCATCTGTCTGGA
 CAGCTTTGCCTTGCTTTCTGGACAGCTGAACACTCTGAACAAGGTCTTGAAGCATGAAAAACCCGCTG
 TTCCGTAACCAGGTCATCATTCTCTGGTGTGTCTCCAGACCGAGATGAAGATCTCATGCGGCAGACTG
 AAGGACGGGTGCCTGTTTTAGCCATGAGGTAGTCCCTGACCATCTGAGAACCAAGCCTGACCCTGAAGT
 GGAAGAACAGGAGAAGCAACTGACGACAGATGCTGCCCGCATTGGTGCAGATGCAGCCCAGAAGCAGATC
 CAGAGCTTGAATAAAATGTGTTCAAACCTTCTGGAGAAAATCAGCAAAGAGGAGCGAGAATCAGAGAGTG
 GAGGTCTCCGGCCGAACAAGCAGACCTTTAACCTACAGACACTAATGCCTTGGTGGCAGCTGTTGCCTT
 TGGGAAAGGACTATCTAATTGGAGACCTTCAGGCAGCAGTGGTCTGGCCAGGCAGGCCAGCCAGGAGCT
 GGGACGATCCTTGCAGGAACCTCAGGATTACAGCAGGTGCAGATGGCAGGAGCTCCAAGCCAGCAGCAGC
 CAATGCTCAGTGGGTACAAATGGCTCAGGCAGGTCAACCAGGAAAATGCCAAGTGAATAAAAAACCAA
 CATCAAGTCGGCTTCCATGCATCCCTACCAGCGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG218320 representing NM_001001654
 Red=Cloning site Green=Tags(s)

MQREEKQLEASLDALLSQVADLKNSLGSFICKLENEYGRLTWPSVLDSEALLSGQLNTLNKVLKHEKTPL
 FRNQVIIPVLSPDRDEDLMRQTEGRVPVFSHEVVPDHLRTKPDPEVEEQEKQLTTDAARIGADAAQKQI
 QSLNKMCSNLLEKISKEERESESGGLRPNKQTFNPTDTNALVAAVAFGKGLSNWRPSGSSGPGQAGQPGA
 GTILAGTSGLQQVQMAGAPSQQPMLSGVQMAQAGQPGKMPSGIKTNIKSASMHPYQR

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001001654

ORF Size: 804 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.

RefSeq: [NM_001001654.1](#), [NP_001001654.1](#)

RefSeq Size: 1193 bp

RefSeq ORF: 806 bp

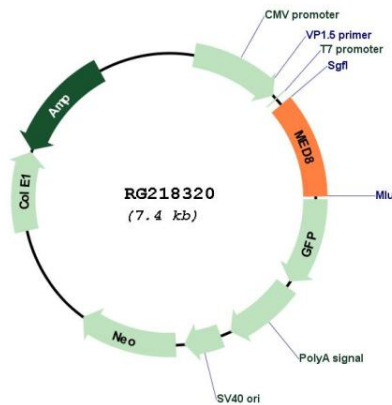
Locus ID: 112950

Cytogenetics: 1p34.2

Protein Families: Druggable Genome, Transcription Factors

Gene Summary: This gene encodes a protein component of the mediator complex, which aids in transcriptional activation through interaction with RNA polymerase II and gene-specific transcription factors. The encoded protein may also function in ubiquitin ligation and protein degradation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2013]

Product images:



Circular map for RG218320