

Product datasheet for **RG202305**

MED30 (NM_080651) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: MED30 (NM_080651) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: MED30
Synonyms: MED30S; THRAP6; TRAP25
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG202305 representing NM_080651
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCCACCCTCCGTTGGCCGCGTCGGGGATGGCGCCCGGCCCTTCGCCGGGCCCCAGGCTCAGCAGG
 CCGCCCGGAAGTCAACACGGCGTCGCTGTGCCGCATCGGGCAGGAGACAGTGCAGGACATCGTGTACCG
 CACCATGGAGATCTTCCAGCTCCTGAGGAACATGCAGCTGCCAAATGGTGTCACTTACCACACTGGAACA
 TATCAAGACCGTTAACAAGCTACAGGATAATCTTCGCCAACTTCAGTTCTCTCAGGAAGCTGAGAT
 TGGTATATGACAAATGCAATGAAAAGTGTGGTGGGATGGATCCCATTCCAGTCGAGCAACTTATTCCATA
 TGTGGAAGAAGATGGCTCAAAGAATGATGATCGGGCTGGCCACCTCGTTTTGCTAGTGAAGAGAGGCGA
 GAAATTGCTGAAGTAAATAAAAACTCAAACAGAAGAATCAACAGCTGAAACAAATTATGGATCAATTAC
 GAAATCTCATCTGGGATATAAATGCCATGTTGGCAATGAGGAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG202305 representing NM_080651
 Red=Cloning site Green=Tags(s)

MSTPLAASGMAPGPFAGPQAQQAAREVNTASLCRIGQETVQDIVYRTMEIFQLLRNMQLPNGVYHTGT
 YQDRLTKLQDNLRLSVLFRKLRLVYDKCNENCGMDPIPVEQLIPYVEEDGSKNDDRAGPPRFASEERR
 EIAEVNKKLKQKNQQLKQIMDQLRNL IWDINAMLAMRN

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_080651

ORF Size: 534 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_080651.4](#)

RefSeq Size: 923 bp

RefSeq ORF: 537 bp

Locus ID: 90390

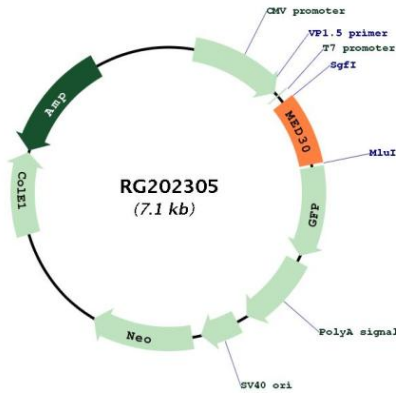
UniProt ID: [Q96HR3](#)

Cytogenetics: 8q24.11

Protein Families: Druggable Genome, Transcription Factors

Gene Summary: The multiprotein TRAP/Mediator complex facilitates gene expression through a wide variety of transcriptional activators. MED30 is a component of this complex that appears to be metazoan specific (Baek et al., 2002 [PubMed 11909976]).[supplied by OMIM, Nov 2010]

Product images:



Circular map for RG202305