

Product datasheet for **RC236008**

MED30 (NM_001282986) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: MED30 (NM_001282986) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: MED30
Synonyms: MED30S; THRAP6; TRAP25
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC236008 representing NM_001282986
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCCACCCCTCCGTTGGCCGCGTCGGGGATGGCGCCCGGGCCCTTCGCCGGGCCCCAGGCTCAGCAGG
 CCGCCCGGAAGTCAACACGGCGTCGCTGTGCCGATCGGGCAGGAGACAGTGCAGGACATCGTGTACCG
 CACCATGGAGATCTTCCAGCTCCTGAGGAACATGCAGCTGCCAAATGGTGTCACTTACCACACTGGAACA
 TATCAAGACCGGTTAACAAAGCTACAGGATAATCTTCGCCAACTTTCAGTTCTCTTCAGGAAGCTGAGAT
 TGGTATATGACAAATGCAATGAAAACGTGGTGGGATGGATCCCATTCCAGTCGAGAACTCAAACAGAA
 GAATCAACAGCTGAAACAAATTATGGATCAATTACGAAATCTCATCTGGGATATAAATGCCATGTTGGCA
 ATGAGGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC236008 representing NM_001282986
 Red=Cloning site Green=Tags(s)

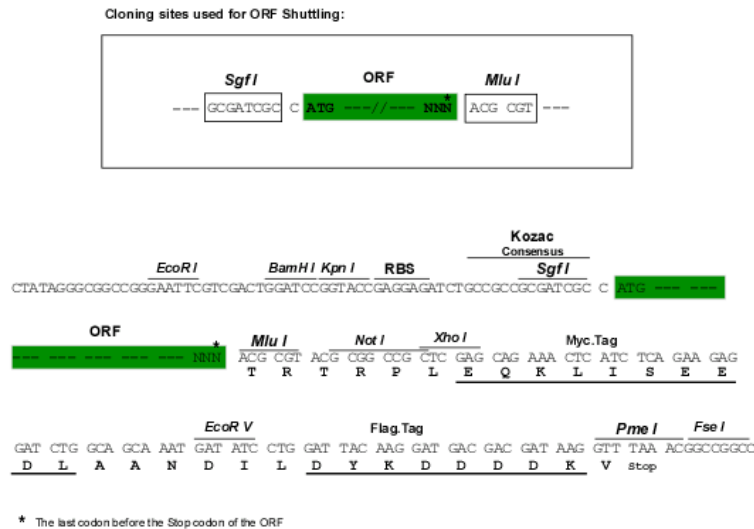
MSTPPLAASGMAPGPFAGPQAQQAAREVNTASLCRIGQETVQDIVYRTMEIFQLLRNMQLPNGVTYHTGT
 YQDRLTKLQDNLRLSVLFRKLRLVYDKCNENCGMDPIPVEKLKQKNQQLKQIMDQLRNL IWDINAMLA
 MRN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_001282986

ORF Size: 429 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_001282986.1](#), [NP_001269915.1](#)

RefSeq Size: 889 bp

RefSeq ORF: 432 bp

Locus ID: 90390

UniProt ID: [Q96HR3](#)

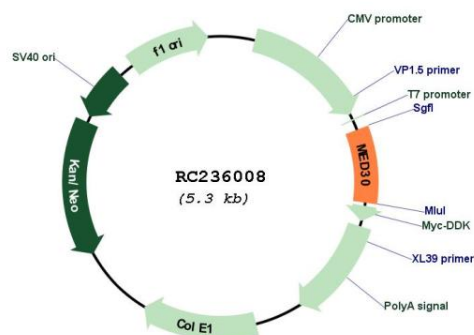
Cytogenetics: 8q24.11

Protein Families: Druggable Genome, Transcription Factors

MW: 16.7 kDa

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 RC236008