

Product datasheet for **RC233374**

MED8 (NM_001001653) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: MED8 (NM_001001653) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: MED8
Synonyms: ARC32
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC233374 representing NM_001001653
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGGCAGACTGAAGGACGGGTGCCTGTTTTTCAGCCATGAGGTAGTCCCTGACCATCTGAGAACCAAGC
CTGACCTGAAGTGAAGAACAGGAGAAGCACTGACGACAGATGCTGCCGCATTGGTGCAGATGCAGC
CCAGAAGCAGATCCAGAGCTTGAATAAAATGTGTTCAAACCTTCTGGAGAAAATCAGCAAAGAGGAGCGA
GAATCAGAGAGTGGAGGTCTCCGGCCGAACAAGCAGACCTTTAACCTACAGACACTAATGCCTTGGTGG
CAGCTGTTGCCTTTGGGAAAGGACTATCTAATTGGAGACCTTCAGGCAGCAGTGGTCTGGCCAGGCAGG
CCAGCCAGGAGCTGGGACGATCCTTGCAGGAACCTCAGGATTACAGCAGGTGCAGATGGCAGGAGCTCCA
AGCCAGCAGCAGCAATGCTCAGTGGGGTACAAAATGGCTCAGGCAGGTCAACCAGGGAAAATGCCAAGTG
GAATAAAAACCAACATCAAGTCGGCTTCCATGCATCCCTACCAGCGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC233374 representing NM_001001653
Red=Cloning site Green=Tags(s)

MRQTEGRVPVFSHEVVPDHLRTPDPEVEEQEKQLTTDAARIGADAAQKQIQSLNKMCSNLLKISKEER
ESESGLRPNKQTFNPTDTNALVAAVAFGKGLSNWRPSGSSGPGQAGQPGAGTILAGTSLQQVQMGAP
SQQQPMLSGVQMAQAGQPGKMPGSIKTNIKSASMHPYQR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:


ACCN: NM_001001653

ORF Size: 537 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_001001653.3](#)

RefSeq Size: 2032 bp

RefSeq ORF: 540 bp

Locus ID: 112950

UniProt ID: [Q96G25](#)

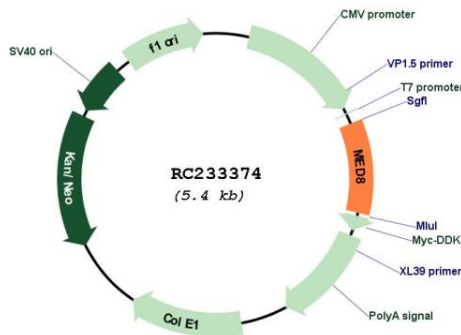
Cytogenetics: 1p34.2

Protein Families: Druggable Genome, Transcription Factors

MW: 19.5 kDa

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 RC233374