

Product datasheet for **RC202663**

MED4 (NM_014166) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: MED4 (NM_014166) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: MED4
Synonyms: ARC36; DRIP36; HSPC126; TRAP36; VDRIP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC202663 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCTGCGTCTTCGAGTGGTGAGAAGGAGAAGGAGCGGCTGGGAGGCGGTTGGGAGTGGCGGGTGGTA
ACAGCACACGAGAGCGGCTGCTGTCTGCGCTTGAGGACTTGGAGGTCCTGTCTAGGGAACCTATAGAAAT
GCTGGCAATTTCAAGAAACCAGAAGTTGTTACAGGCTGGAGAGGAAAACCAGGTCCTGGAGTTGTTAATT
CACCGAGATGGGGAATTTCAAGAACTAATGAAATTGGCACTTAATCAGGGAAAAATTCATCATGAAATGC
AAGTTTTAGAAAAAGAAGTAGAGAAGAGAGACGGTGATATTCAGCAGCTACAAAAACAGTAAAGGAAGC
AGAACAAATACTGGCAACAGCTGTTTACCAAGCGAAGGAGAACTCAAGTCAATAGAAAAAGCAAGAAAA
GGTGCTATCTCCTCTGAAGAAATAATTAAGTATGCACATAGGATCAGTGAAGTAAATGCTGTATGTGCTC
CACTGACCTGGGTTCCAGGGGACCCCGGAGACCTACCCAACCTGATTTAGAGATGAGAAGTGGGTTACT
GGGTCAGATGAACAATCCTTCCACTAATGGCGTGAATGGCCATTTACCAGGAGATGCACTTGACAGCAGGA
AGATTGCCAGATGTCCTTGCTCCACAGTATCCATGGCAGTCAAATGACATGTCGATGAATATGTTACCAC
CAAATCATAGTAGTGACTTTTTGTTGGAACCTCCTGGGCATAATAAAGAAGATGAAGATGATGTAGAGAT
TATGTCAACGGACTCCTCAAGCAGTAGTAGTGAGTCTGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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_014166.4](#)

RefSeq Size: 2287 bp

RefSeq ORF: 813 bp

Locus ID: 29079

UniProt ID: [Q9NPJ6](#)

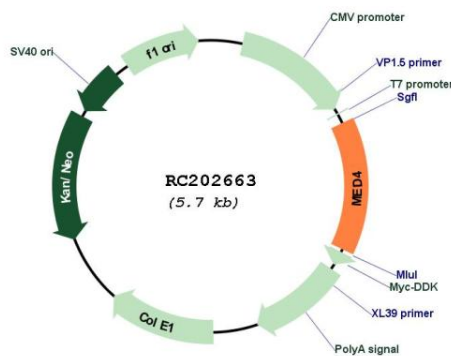
Cytogenetics: 13q14.2

Protein Families: Druggable Genome, Transcription Factors

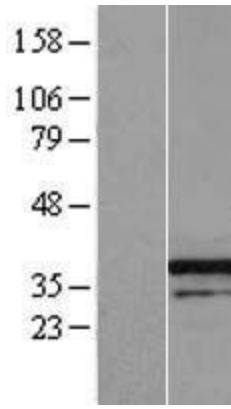
MW: 29.7 kDa

Gene Summary: This gene encodes a component of the Mediator complex. The Mediator complex interacts with DNA-binding gene-specific transcription factors to modulate transcription by RNA polymerase II. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]

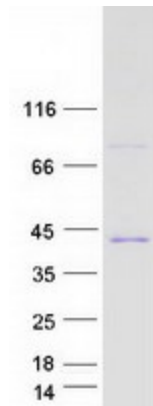
Product images:



Circular map for RC202663



Western blot validation of overexpression lysate (Cat# [LY415456]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC202663 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified MED4 protein (Cat# [TP302663]). The protein was produced from HEK293T cells transfected with MED4 cDNA clone (Cat# RC202663) using MegaTran 2.0 (Cat# [TT210002]).