

Product datasheet for **RC239434**

MED15 (NM_001293234) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MED15 (NM_001293234) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MED15
Synonyms:	ARC105; CAG7A; CTG7A; PCQAP; TIG-1; TIG1; TNRC7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC239434 representing NM_001293234
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGTTTCCGGGCAAGAGACCGACTGGCGGAGCACCGCCTTCCGGCAGAAGCTGGTCAGTCAAATCG
 AGGATGCCATGAGGAAAGCTGGTGTGGCACACAGTAAATCCAGCAAGGATATGGAGAGCCATGTTTTCT
 GAAGGCCAAGACCCGGGACGAATACCTTCTCTCGTGGCCAGGCTCATTATCCATTTTCGAGACATTCAT
 AACAGAAATCTCAAGCTTCCGTCAGTGATCCTATGAATGCACTCCAGAGCCTGACTGGCGGACCTGCTG
 CGGGAGCCGCTGGAATTGGCATGCCTCCTCGGGGCCGGGACAGTCTCTGGGCGGGATGGGTAGCCTTGG
 TGCCATGGGACAGCCAATGTCTCTCTCAGGGCAGCCGCCTCCTGGGACCTCGGGGATGGCCCTCACAGC
 ATGGCTGTCGTGTCTACGGCACTCCACAGACCCAGCTGCAGCTCCAGCAGGTGGCGCTGCAGCAGCAGC
 AGCAACAGCAGCAGTTCCAGCAGCAGCAGCAGGCGGCGCTACAGCAGCAGCAGCAGCAGCAACAGCA
 GCAGTTCCAGGCTCAGCAGAGTGCCATGCAGCAGCAGTTCCAAGCAGTAGTGCAGCAGCAGCAGCAGCTC
 CAGCAGCAGCAGCAGCAGCAGCAGCATCTAATTAATGTCATCATCAAAATCAGCAACAGATACAGCAGC
 AGCAACAGCAGCTGCAGCGAATAGCACAGCTGCAGCTCCAACAACAGCAACAGCAGCAGCAGCAGCA
 GCAGCAGCAGCAGCAGGCTTTGCAGGCCAGCCACCAATTCAGCAGCCACCGATGCAGCAGCCACAGCCT
 CCGCCCTCCCAGGCTCTGCCCCAGCAGCTGCAGCAGATGCATCACACACAGCACCACAGCCGCCACAC
 AGCCCCAGCAGCTCCAGTTGCTCAGAACAACCATCACAACTCCCGCCACAGTCGCAGACCCAGCCTTT
 GGTGTACAGGCGCAAGCTCTCCCTGGACAAATGTTGTATACCAACCACCACTGAAATTTGTCAGAGCT
 CCGATGGTGGTGCAGCAGCCCCAGTGCAGCCCCAGGTGCAGCAGCAGCAGACAGCAGTACAGACAGCTC
 AGGCTGCCAGATGGTGGCTCCCGGAGTCCAGGTGCAGACCCCGCAGTCGATGCCCTCCCCCAGCAGC
 GTCCCCGAGCCCCGCGCCAGCCAGCTCACAGCCCAACTCCAACGTCAGCTCTGGCCCTGCCCATCTCCC
 AGTAGCTTCTGCCCAGCCCTCACCGCAGCCCTCCCAGAGCCAGTGACGGCGCGGACCCACAGAACT
 TCAGTGTCCCCTCACCTGGACCTTTAAACACACCTGTGAACCCAGCTCTGTGATGAGCCAGCTGGCTC
 CAGCCAGGCTGAGGAGCAGCAGTACCTGGACAAGCTGAAGCAGCTGTGAAGTACATCGAGCCCTGCGC
 CGCATGATCAACAAGATCGACAAGAAGCAAGACAGAAAAAGGACCTGAGTAAGATGAAGAGCCTTCTGG
 ACATTCTGACAGACCCCTCGAAGCGGTGTCCCCTGAAGACCTTGCAAAAGTGTGAGATCGCCCTGGAGAA
 ACTCAAGAATGACATGGCGGTGCCACTCCCCACCGCCCCGGTGCCACCGACCAACAGCAGTACCTA
 TGCCAGCCGCTCCTGGATGCCGTCTGGCCAACATCCGCTCACCTGTCTTCAACCATTCCCTGTACCGCA
 CATTTCGTTCCAGCCATGACCGCCATTACGGGCCACCCATCACGGCCCCAGTGGTGTGCACCCGGAAGCG
 CAGGCTTGAGGATGATGAGCGGCAGAGCATCCCCAGTGTGCTCCAGGGTGAAGTGGCCAGGCTGGACCCC
 AAGTTCCTGGTAAACCTGGACCTTCTCACTGCAGCAACAATGGCACTGTCCACCTGATCTGCAAGCTGG
 ATGACAAGGACCTCCCAAGTGTGCCACCACTGGAGCTCAGTGTGCCCGCTGACTATCCTGCCCAAAGCCC
 GCTGTGGATAGACCGGCAGTGGCAGTACGACGCCAACCCCTTCTCCAGTCGGTGCACCGCTGCATGACC
 TCCAGGCTGTGCAGTCCCGGACAAGCACTCGGTACCGCCTTGCTCAACACCTGGGCCAGAGCGTCC
 ACCAGGCTGCCTCTCAGCCGCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC239434 representing NM_001293234
 Red=Cloning site Green=Tags(s)

MDVSGQETDWRSTAFRQKLVSQIEDAMRKAGVAHSSKSSKDMESHVFLKAKTRDEYLSLVARLIIHFRDIH
 NKKSQASVSDPMNALQSLTGGPAAGAAGIGMPRGPQSLGGMGSLGAMGQPMMSLGGQPPPGTSGMAPHS
 MAVVSTATPQTQLQLQQVALQQQQQQQQFQQQQQAALQQQQQQQQQQQFQAQSSAMQQQFQAVVQQQQQL
 QQQQQQQQHLIKLHHQNQQQIQQQQQQLQRIACLQLQQQQQQQQQQQQQQQALQAQPPPIQQPPMQQPQP
 PPSQALPQQLQQMHHTQHHQPPPPQPPVPAQNQPSQLPPQSQTQPLVSAQALPGQMLYTQPPLKFVRA
 PMVVQQPPVQPQVQQQTAVQTAQAAMVAPGVQVQTPQSMPPPPQSPQPGQSSQPNNSVSSGPAPSP
 SSFLPSPSPQSPVPTARTPNFVSPSPGLNTPVNPSSVMSPAGSSQAEEQQYLDKQLSKYIEPLR
 RMINKIDKNEKDKL SKMKSLLDILTDPKRCPLKTLQCEIALEKLNDAVPTPPPPVPTTKQYLL
 CQPLLDVLANIRSPVFNHSLYRTFVPAMTAIHGPPITAPVVCTRKRRLEDDERQSIPSVLQGEVARLDP
 KFLVNLDPSCNNGTVHLICKLDDKDLSPVPLELSVPADYPAQSPLWIDRQWQYDANPFLQSVHRCMT
 SRLLQLPDKHSVTALLNTWAQSVHQACLSAA

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001293234

ORF Size: 2193 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_001293234.2

RefSeq Size: 3280 bp

RefSeq ORF: 2196 bp

Locus ID: 51586

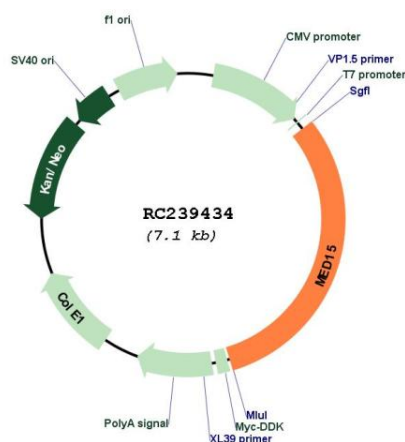
Cytogenetics: 22q11.21

Protein Families: Druggable Genome, Transcription Factors

MW: 81.3 kDa

Gene Summary: The protein encoded by this gene is a subunit of the multiprotein complexes PC2 and ARC/DRIP and may function as a transcriptional coactivator in RNA polymerase II transcription. This gene contains stretches of trinucleotide repeats and is located in the chromosome 22 region which is deleted in DiGeorge syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014]

Product images:



Circular map for RC239434