

Product datasheet for **RG239434**

MED15 (NM_001293234) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MED15 (NM_001293234) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	MED15
Synonyms:	ARC105; CAG7A; CTG7A; PCQAP; TIG-1; TIG1; TNRC7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide
Sequence:**

>RG239434 representing NM_001293234.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGGACGTTTCCGGGCAAGAGACCGACTGGCGGAGCACCCTTCCGGCAGAAGCTGGTCAGTCAAATC
GAGGATGCCATGAGGAAAGCTGGTGTGGCACACAGTAAATCCAGCAAGGATATGGAGAGCCATGTTTTTC
CTGAAGGCCAAGACCCGGGACGAATACCTTTCTCTCGTGGCCAGGCTCATTATCCATTTTCGAGACATT
CATAACAAGAAATCTCAAGCTTCCGTCACTGATCCTATGAATGCACTCCAGAGCCTGACTGGCGGACCT
GCTGCGGGAGCCGCTGGAATTGGCATGCCTCCTCGGGGCCGGGACAGTCTCTGGCGGGATGGGTAGC
CTTGGTGCCATGGGACAGCCAATGTCTCTCAGGGCAGCCGCTCCTGGGACCTCGGGGATGGCCCTT
CACAGCATGGCTGTCGTGTCTACGGCAACTCCACAGACCCAGCTGCAGCTCCAGCAGGTGGCGCTGCAG
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CAACAGCAGCAGTCCAGGCTCAGCAGAGTGCCATGCAGCAGCAGTCCAAAGCAGTAGTGCAGCAGCAG
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GGCCTGCCCCATCTCCAGTAGCTTCTGCCAGCCCCCACCAGCCCTCCAGAGCCCAAGTGCAGC
GCGCGGACCCACAGAACTTCAGTGTCCCTCACCTGGACCTTTAAACACACCTGTGAACCCAGCTCT
GTCATGAGCCAGCTGGCTCCAGCCAGGCTGAGGAGCAGCAGTACCTGGACAAGCTGAAGCAGCTGTCG
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GTCTTCAACCATTCCCTGTACCGCACATTCGTTCCAGCCATGACCGCCATTCACGGCCACCCATCAGC
GCCCAGTGGTGTGCACCCGGAAGCGCAGGCTTGAGGATGATGAGCGGCAGAGCATCCCCAGTGTGCTC
CAGGGTGAAGTGGCCAGGCTGGACCCAAAGTTCCTGGTAAACCTGGACCTTCTCACTGCAGCAACAAT
GGCACTGTCCACCTGATCTGCAAGCTGGATGACAAGGACCTCCCAAGTGTGCCACCACTGGAGCTCAGT
GTGCCCGTGAATATCTGCCAAAGCCCGCTGTGGATAGACCGGAGTGGCAGTACGACGCCAACCCCT
TTCTCCAGTCCGGTGCACCGCTGCATGACCTCCAGGCTGCTGCAGCTCCCGGACAAGCACTCGGTACCC
GCCTTGTCAACACCTGGGCCAGAGCGTCCACCAGGCTGCCTCTCAGCCGCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG239434
 Blue=ORF Red=Cloning site Green=Tag(s)

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MDVSGQETDWRSTAFRQKLVLSQIEDAMRKAGVAHSKSSKDMESHVFLKAKTRDEYLSLVARLIIHFRDI
HNKKSQASVSDPMNALQSLTGGPAAGAAGIGMPPRGPGQSLGGMGSLGAMGQPMLSGQPPPSTGMAP
HSMMAVSTATPQTQLQLQVALQQQQQQQFQQQQQAALQQQQQQQQQFQAQQSAMQQQFQAVVQQQ
QQLQQQQQQQHLIKLHHQNQQIQQQQQQLQRI AQLQLQQQQQQQQQQQQQQQALQAQPIIQQPPMQ
QPQPPSQALPQQLQQMHHTQHHQPPQPPVVAQNQPSQLPPQSQTQPLVSQAQALPGQMLYQPPPL
KFVRAPMVVQPPVQPQVQQQTAVQTAQAAQMVAPGVQVQTPQSMPPPPQSPQPGQPSQPNVSS
GPAPSPSSFLPSPSPQSPVARTPQNFVSPSPGLNTPVNPSSVMSPAGSSQAEEQYLDKLLKLS
KYIEPLRRMINKIDKNEDRKDL SKMKSLLDILTDPKRCPLKTLQKCEIALEKLNDAVPTPPPPV
PPTKQYLCQPLLDVLANIRSPVFNHSLYRTFVPAMTAIHGPPITAPVCTRKRREDDERQSIPSVL
QGEVARLDPKFLVNLDPSHCSNNGTVHLICKLDDKDLSPVPLEL SVPADYPAQSPLWIDRQWQYDANP
FLQSVHRCMTSRLQLPDKHSVTALLNTWAQSVHQAACLSAA
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVFSYRYEAGRVIGDFKVMGTGFPE
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
  
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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001293234

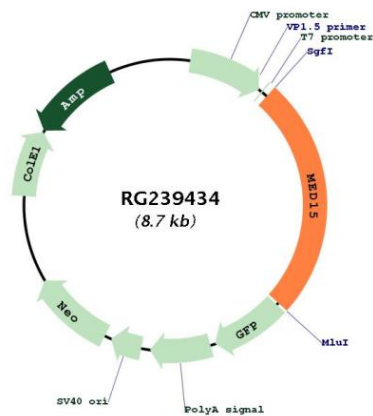
ORF Size: 2193 bp

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).
RefSeq:	<u>NM_001293234.2</u>
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 RG239434