

## Product datasheet for **RG239415**

### **MED15 (NM\_001293235) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	MED15 (NM_001293235) 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:**

>RG239415 representing NM\_001293235.  
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGAGGAAAGCTGGTGTGGCACACAGTAAATCCAGCAAGGATATGGAGAGCCATGTTTTCTGAAGGCC
AAGACCCGGGACGAATACCTTTCTCTGTCGGCCAGGCTCATTATCCATTTTCGAGACATTCATAACAAG
AAATCTCAAGCTTCCGTCAAGTATGATGATGAATGCACTCCAGAGCCTGACTGGCGGACCTGCTGCCGGA
GCCGCTGGAATTGGCATGCCTCTCGGGGCCCGGGACAGTCTCTGGGCGGGATGGGTAGCCTTGGTGCC
ATGGGACAGCCAATGTCTCTCTCAGGGCAGCCGCTCTGGGACCTCGGGGATGGCCCTCACAGCATG
GCTGTCTGTCTACGGCAACTCCACAGACCCAGCTGCAGCTCCAGCAGGTGGCGTGCAGCAGCAGCAG
CAACAGCAGCAGTTCAGCAGCAGCAGCAGGGCGCTACAGCAGCAGCAGCAGCAGCAGCAACAGCAG
CAGTTCAGGCTCAGCAGAGTGCATGCAGCAGCAGTCCAAGCAGTAGTGCAGCAGCAGCAGCAGCTC
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CAGCAACAGCAGTGCAGCGAATAGCACAGCTGCAGCTCCAACAACAGCAACAGCAGCAGCAGCAGCAG
CAGCAGCAGCAGCAGCAGGCTTTGCAGGCCAGCCACCAATTAGCAGCCACCGATGCAGCAGCCACAG
CCTCCGCCCTCCAGGCTCTGCCCCAGCAGCTGCAGCAGATGCATCACACACAGCACCACCGCCCA
CCACAGCCCAGCAGCCTCCAGTTGCTCAGAACCAACCATCACAACCTCCCGCCACAGTCGCAGACCCAG
CCTTTGGTGTACAGGGCGAAGCTCTCCCTGGACAAATGTTGTATACCAACACCACCTGAAATTTGTC
CGAGCTCCGATGGTGGTGCAGCAGCCCCAGTGCAGCCCCAGGTGCAGCAGCAGCAGACAGCAGTACAG
ACAGCTCAGGCTGCCAGATGGTGGCTCCCGGAGTCCAGGTGAGCCAGAGCAGCCTCCCATGCTGTCC
TCGCGGTACCCGGGCCAGCAGGTGCAGACCCCGCAGTGCATGCCCTCCCGCCAGCCCTCCCGCAG
CCCGGCCAGCCAGCTCACAGCCCAACTCCAACGTCAGTCTGGCCCTGCCCATCTCCAGTAGCTTC
CTGCCCAGCCCCACCGCAGCCCTCCAGAGCCAGTACGGCGCGGACCCACAGAACTTCAGTGTGTC
CCCTCACCTGGACCTTTAAACACACCTGTGAACCCAGCTCTGTGATGAGCCAGCTGGCTCCAGCCAG
GCTGAGGAGCAGCAGTACCTGGACAAGCTGAAGCAGCTGTGCAAGTACATCGAGCCCTGCGCCGCATG
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AGGCTTGAAGATGATGAGCGGCAGAGCATCCCCAGTGTGCTCCAGGGTGAAGTGGCCAGGCTGGACCCC
AAGTTCCTGGTAAACCTGGACCTTCTCACTGCAGCAACAATGGCACTGTCCACCTGATCTGCAAGCTG
GATGACAAGGACCTCCAAGTGTGCCACCACTGGAGCTCAGTGTGCCCGTACTATCTGCCAAAGC
CCGCTGTGGATAGACCGGAGTGGCAGTACGACGCCAACCCTTCTCCAGTCCGGTGCACCGCTGCATG
ACCTCCAGGCTGCTGCAGCTCCCGGACAAGCACTCGGTACCCGCTTGTCAACACCTGGGCCAGAGC
GTCCACCAGGCTGCCTCTCAGCCGCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG239415  
 Blue=ORF Red=Cloning site Green=Tag(s)

MRKAGVAHSKSSKDMESHVFLKAKTRDEYLSLVARLIIHFRDIHNKKSQASVSDPMNALQSLTGGPAAG  
 AAGIGMPPRPGQSLGGMGLGAMGQPMISLGGQPPPGTSGMAPHSMVAVSTATPQTQLQLQQVALQQQQ  
 QQQQFQQQQQAALQQQQQQQQQQFQAQQSAMQQQFQAVVQQQQQLQQQQQQQHLIKLHHQNQQIQQ  
 QQQLQRIAQLQLQQQQQQQQQQQQQQALQAQPPIQQPPMQQPQPPPSQALPQQLQQMHHTQHHQPP  
 PQPQQPPVAQNQPSQLPPQSQTQLVLSQAQALPGQMLYTOPPLKFRAPMVVQPPVQPVQQQQTAVQ  
 TAQAAQMVAPGVQVSQSSLPMLSSPSGQVQTPQSMPPPPQPSQPGQPSQPNNSVSSGPAPSPSSF  
 LPSPSPQSPVYARTPQNFVSPSPGLNTPVNPSSVMSPAGSSQAEEQQYLDKQLSKYIEPLRRM  
 INKIDKNEDRKKDL SKMKSLLDILTDP SKRCPLKTLQCEIALEKLNKNDMAVPTPPPPVPTKQYLC  
 QPLLDAVLANIRSPVFNHSLYRTFVPAMTAIHGPPITAPVVCTRKRREDDERQSIPSVLQGEVARLDP  
 KFLVNLDP SHCSNNGTVHLICKLDDKDLPSVPLEL SVPADYPAQSPLWIDRQWQYDANPFLQSVHRCM  
 TSRLQLPDKHSVTALLNTWAQSVHQAACLSAA  
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV  
 MGYGFYHFGTYP SGYENPFLHAINNGGYNTRIEKYEDGGVLHVFSYRYEAGRVIGDFKVMGTGFPEP  
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001293235

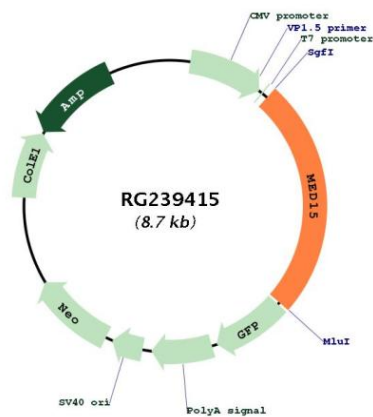
**ORF Size:** 2166 bp

**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.

<b>Components:</b>	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).
<b>RefSeq:</b>	<a href="#">NM_001293235.2</a>
<b>RefSeq Size:</b>	3320 bp
<b>RefSeq ORF:</b>	2169 bp
<b>Locus ID:</b>	51586
<b>UniProt ID:</b>	<a href="#">Q96RN5</a>
<b>Cytogenetics:</b>	22q11.21
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>MW:</b>	80.1 kDa
<b>Gene Summary:</b>	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 RG239415