

## Product datasheet for **RG239293**

### **MED15 (NM\_001293236) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	MED15 (NM_001293236) 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)



[View online »](#)

**ORF Nucleotide Sequence:**

>RG239293 representing NM\_001293236.  
 Blue=ORF Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGACGTTTCCGGGCAAGAGACCGACTGGCGGAGCACCGCTTCCGGCAGAAGCTGGTCAGTCAAATC
GAGGATGCCATGAGGAAAGCTGGTGTGGCACACAGTAAATCCAGCAAGGATATGGAGAGCCATGTTTTTC
CTGAAGGCCAAGACCCGGGACGAATACCTTTCTCTCGTGGCCAGGCTCATTATCCATTTTCGAGACATT
CATAACAAGAAATCTCAAGCTTCCGTCACTGCCCCAGCTGCAGCTCCAGCAGGTGGCGCTGCAGCAGCAG
CAGCAACAGCAGCAGTTCAGCAGCAGCAGCAGCGCGCTACAGCAGCAGCAGCAGCAGCAGCAACAG
CAGCAGTTCAGGCTCAGCAGAGTGCCATGCAGCAGCAGTTCAGCAGTGTGCAGCAGCAGCAGCAGCAG
CTCCAGCAGCAGCAGCAGCAGCAGCATCTAATTAATTGCATCATAAAATCAGCAACAGATACAG
CAGCAGCAACAGCAGCTGCAGCGAATAGCACAGCTGCAGCTCCAACAACAGCAACAGCAGCAGCAGCAG
CAGCAGCAGCAGCAGCAGCAGGCTTTCAGGCCCAGCCACCAATTCAGCAGCCACCGATGCAGCAGCCA
CAGCCTCCGCCCTCCAGGCTCTGCCCCAGCAGCTGCAGCAGATGCATCACACACAGCACCACCAGCCG
CCACCACAGCCCCAGCAGCTCCAGTTGCTCAGAACCAACCATCACAACTCCCGCCACAGTCGCAGACC
CAGCCTTTGGTGTACAGGCGCAAGCTCTCCCTGGACAAATGTTGTATACCCAACCACCCTGAAATTT
GTCCGAGCTCCGATGGTGGTGCAGCAGCCCCAGTGCAGCCCCAGGTGCAGCAGCAGCAGACAGCAGTA
CAGACAGCTCAGGCTGCCAGATGGTGGCTCCCGGAGTCCAGGTGAGCCAGAGCAGCCTCCCCATGCTG
TCCTCGCCGTACCGGGCCAGCAGGTGCAGACCCCGCAGTCGATGCCCTCCCCCAGCCGTCCCCG
CAGCCCGCCAGCCAGCTCACAGCCAACTCCAACGTCAGCTCTGGCCCTGCCCATCTCCAGTAGC
TTCCTGCCAGCCCTCACCGCAGCCCTCCAGAGCCAGTGACGGCGCGGACCCACAGAATTCAGT
GTCCCTCACCTGGACCTTAAACACACCTGTGAACCCAGCTCTGTATGAGCCAGCTGGCTCCAGC
CAGGCTGAGGAGCAGCAGTACCTGGACAAGCTGAAGCAGCTGTGAAGTACATCGAGCCCTGCGCCGC
ATGATCAACAAGATCGACAAGAACGAAGACAGAAAAAAGGACCTGAGTAAGATGAAGAGCCTTCTGGAC
ATTCTGACAGACCCTCGAAGCGGTGTCCCTGAAGACCTTGAAAAGTGTGAGATCGCCCTGGAGAAA
CTCAAGAATGACATGGCGGTGCCACTCCCCACCGCCCCGGTGCCACCGACCAACAGCAGTACCTA
TGCCAGCCGCTCCTGGATGCCGTCTGGCCAACATCCGCTCACCTGTCTTCAACCATTCCCTGTACCGC
ACATTCGTTCCAGCCATGACCGCCATTCACGGCCACCCATCACGGCCCCAGTGGTGTGACCCGGGAG
CGCAGGCTTGAGGATGATGAGCGGCAGAGCATCCCCAGTGTGCTCCAGGGTGAGGTGGCCAGGCTGGAC
CCCAAGTTCTGGTAAACCTGGACCTTCTCACTGCAGCAACAATGGCACTGTCCACCTGATCTGCAAG
CTGGATGACAAGGACCTCCAAGTGTGCCACCACTGGAGCTCAGTGTGCCGCTGACTATCCTGCCCAA
AGCCCGCTGTGGATAGACCGGCAGTGGCAGTACGACGCCAACCCTTCTCCAGTCGGTGCACCGCTGC
ATGACCTCCAGGCTGCTGCAGCTCCCGGACAAGCACTCGGTACCCGCTTGTCAACACCTGGGCCAG
AGCGTCCACCGGCTGCCTCTCAGCCGC
ACCGGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
  
```

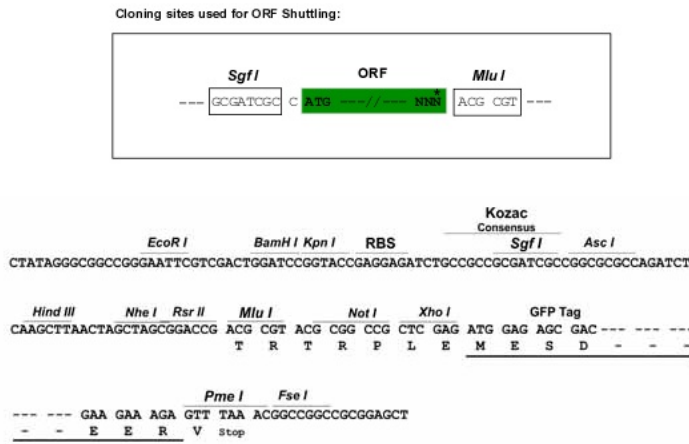
**Protein Sequence:** >Peptide sequence encoded by RG239293  
 Blue=ORF Red=Cloning site Green=Tag(s)

```

MDVSGQETDWRSTAFRQKLVLSQIEDAMRKAGVAHSKSSKDMESHVFLKAKTRDEYLSLVARLI IHFRDI
HNKKSQASVSAQLQLQQVALQQQQQQQFQQQQQAAALQQQQQQQQQQFQAQQSAMQQQFQAVVQQQQQ
LQQQQQQQHLIKLHHQNQQQIQQQQQQLQRI AQLQLQQQQQQQQQQQQQQQALQAQPPIQQPPMQQP
QPPPSQALPQQLQMQMHTQHHPQPQPQPPVAQNQPSQLPPQSQTQPLV SQAQALPGQMLYTPPLKF
VRAPMVVQPPVQPVQVQQQTAVQTAQAAQMVAPGVQVSQSSLPMLSSPSPGQQVTPQSMPPPPQSP
QPGQPSSQPNVSSGPA PPSFLPSPSPQSPVTPARTPNFVSPSPGLNTPVNPSSVMSPAGSS
QAEQYLDKLLKQSKYIEPLRRMINKIDKNDRKDL SKMKSLLDILTDP SKRCPLKTLQCEIALEK
LKNDMAVPTPPPPVPTKQYLCQPLLDAVLANIRSPVFNHSLYRTFVPAMTAIHGPPITAPVCTRK
RREEDDERQSIPSVLQGEVARLDPKFLVNLDP SHCSNNGTVHLICKLDDKDLPSVPLELSVPADYPAQ
SPLWIDRQWQYDANPFLQSVHRCMTRLLQLPDKHSVTALLNTWAQSVHQACLSAA
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
MGYGFYHFGTYP SGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPE
SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFLRDGGYYSSVVD SHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
  
```

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001293236

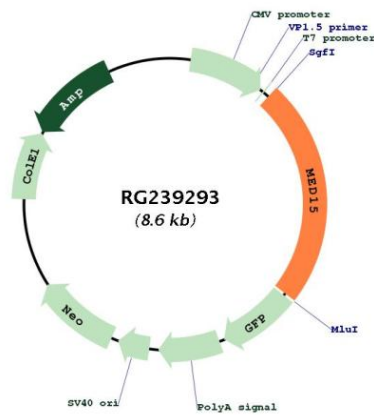
**ORF Size:** 2031 bp

**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_001293236.2</a>
<b>RefSeq Size:</b>	3118 bp
<b>RefSeq ORF:</b>	2034 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>	76.4 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 RG239293