

Product datasheet for **RC239293**

MED15 (NM_001293236) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MED15 (NM_001293236) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MED15
Synonyms:	ARC105; CAG7A; CTG7A; PCQAP; TIG-1; TIG1; TNRC7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC239293 representing NM_001293236
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGTTTCCGGCAAGAGACCGACTGGCGGAGCACCGCCTTCCGGCAGAAGCTGGTCAGTCAAATCG
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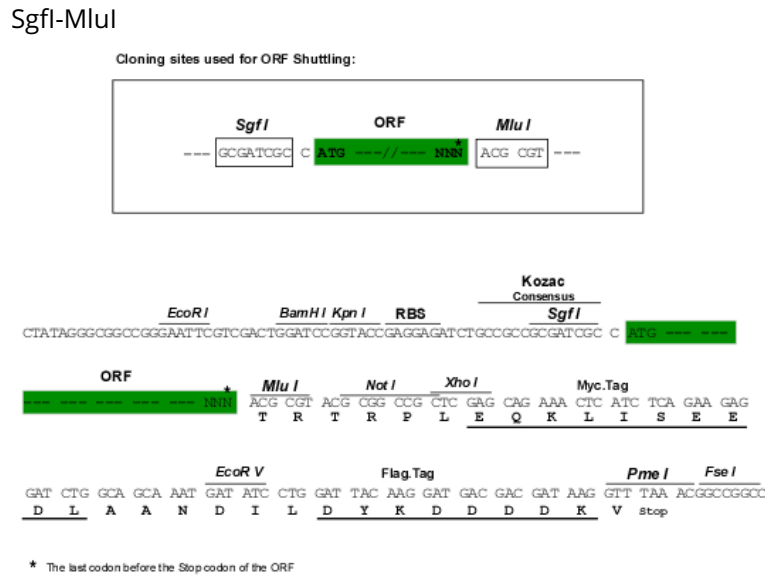
Protein Sequence: >RC239293 representing NM_001293236
 Red=Cloning site Green=Tags(s)

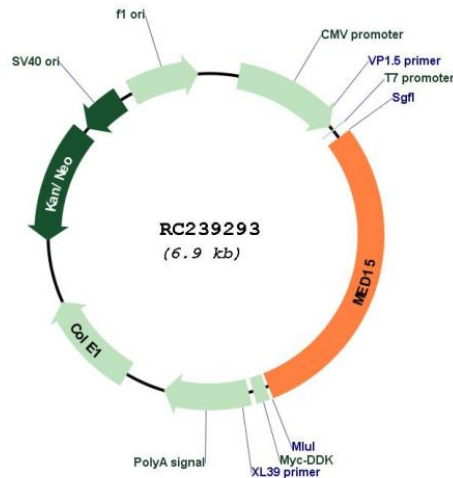
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 SSQPNSNVSSGPAPSPSSFLPSPSPQSPVTPARTPQNFVSPSPGLNTPVNPSSVMSPAGSSQAEQQ
 YLDKLLKQLSKYIEPLRRMINKIDKNEDRKKDL SKMKSLLDILTDPSKRCPLKTLQKCEIALEKLNDAV
 PTPPPPPVPTTKQYLCQPLLDVLANIRSPVFNHSLYRTFVPAMTAIHGPPITAPVVCTRKRRLLEDDER
 QSIPSVLQGEVARLDPKFLVNLDPHSCSNNGTVHLICKLDDKDLPSVPPEL SVPADYPAQSPLWIDRQW
 QYDANPFLQSVHRCMTRSLLQLPDKHSVTALLNTWAQSVHQACLSAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Cloning Scheme:



Plasmid Map:


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.

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.

RefSeq: [NM_001293236.2](#)

RefSeq Size: 3118 bp

RefSeq ORF:	2034 bp
Locus ID:	51586
UniProt ID:	Q96RN5
Cytogenetics:	22q11.21
Protein Families:	Druggable Genome, Transcription Factors
MW:	76.4 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]