

Product datasheet for **RG204224**

MED15 (NM_015889) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MED15 (NM_015889) 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:

>RG204224 representing NM_015889
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGTTTCCGGCAAGAGACCGACTGGCGGAGACCCTTCCGGCAGAAGCTGGTCAGTCAAATCG
 AGGATGCCATGAGGAAAGCTGGTGTGGCACACAGTAAATCCAGCAAGGATATGGAGAGCCATGTTTTCT
 GAAGGCCAAGACCCGGGACGAATACCTTCTCTCGTGGCCAGGCTCATTATCCATTTTCGAGACATTCAT
 AACAGAATCTCAAGCTTCCGTCAGTATCCTATGAATGCACTCCAGAGCCTGACTGGCGGACCTGCTG
 CGGGAGCCGCTGGAATTGGCATGCCTCCTCGGGGCCGGGACAGTCTCTGGGCGGGATGGGTAGCCTTGG
 TGCCATGGGACAGCCAATGTCTCTCTCAGGGCAGCCGCTCCTGGGACCTCGGGGATGGCCCTCACAGC
 ATGGCTGTCGTGTCTACGGCACTCCACAGACCCAGTGCAGCTCCAGCAGGTGGCGCTGCAGCAGCAGC
 AGCAACAGCAGCAGTCCAGCAGCAGCAGCAGGGCGCTACAGCAGCAGCAGCAGCAGCAGCAACAGCA
 GCAGTTCAGGCTCAGCAGAGTGCATGCAGCAGCAGTCCAAGCAGTAGTGCAGCAGCAGCAGCAGCTC
 CAGCAGCAGCAGCAGCAGCAGCAGCATCTAATTAATTGCATCATCAAAATCAGCAACAGATACAGCAGC
 AGCAACAGCAGCTGCAGCGAATAGCACAGCTGCAGCTCCAACAACAGCAACAGCAGCAGCAGCAGCAGCA
 GCAGCAGCAGCAGCAGGCTTTGCAGGCCAGCCACCAATTCAGCAGCCACCGATGCAGCAGCCACAGCCT
 CCGCCCTCCCAGGCTCTGCCCCAGCAGCTGCAGCAGATGCATCACACACAGCACCACCAGCCGCCACCAC
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 GAAGCGGTGTCCCCTGAAGACCTTGCAAAAGTGTGAGATCGCCCTGGAGAACTCAAGAATGACATGGCG
 GTGCCACTCCCCACC GCCCGGTGCCACCGACCAACAGCAGTACCTATGCCAGCCGCTCCTGGATG
 CCGTCTGGCCAAACATCCGCTCACCTGTCTTCAACCATTCCTGTACCGCACATTCGTTCCAGCCATGAC
 CGCCATTCACGGCCACCCATCACGGCCCCAGTGGTGTGCACCCGGAAGCGCAGGCTTGAGGATGATGAG
 CGGCAGAGCATCCCCAGTGTGCTCCAGGGTGAGGTGGCCAGGCTGGACCCCAAGTTCTGGTAAACCTGG
 ACCCTTCTCACTGCAGCAACAATGGCACTGTCCACCTGATCTGCAAGCTGGATGACAAGGACCTCCCAAG
 TGTGCCACCACTGGAGCTCAGTGTGCCGCTGACTATCTGCCAAAGCCCGCTGTGGATAGACCGGCAG
 TGGCAGTACGACGCCAACCCCTTCTCCAGTCGGTGCACCGCTGCATGACCTCCAGGCTGCTGCAGCTCC
 CGGACAAGCACTCGGTACCCGCTTGTCAACACTGGGCCAGAGCGTCCACCAGGCTGCCTCTCAGC
 CGCC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG204224 representing NM_015889
Red=Cloning site Green=Tags(s)

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MDVSGQETDWRSTAFRQKLVSQIEDAMRKAGVAHSSKSKDMESHVFLKAKTRDEYLSLVARLIIHFRDIH
NKKSQASVSDPMNALQSLTGGPAAGAAGIGMPPRGPQSLGGMGSLGAMGQPMMLSGQPPPSTSGMAPHS
MAVVSTATPQTQLQLQQVALQQQQQQQQFQQQQQAALQQQQQQQQQQQFQAQQSAMQQQFQAVVQQQQQL
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PPSQALPQQLQQMHHTQHHQPPPQPQPPVAQNQPSQLPPQSQTQPLVSQAQALPGQMLYTQPPLKFVRA
PMVVQPPVQPQVQQQTAVQTAQAAQMVAPGVQVSQSSLPMLSSPSGQVQVTPQSMPPPPQSPQPGQ
PSSQPNSNVSSGPAPSPSSFLPSPSPQSPVARTPQNFVSPSPGLNTPVNPSSVMSPAGSSQAEQ
QYLDKLLKQLSKYIEPLRRMINKIDKNEDRKKDLKMKSLLDLITDPSKRCPLKTLQKCEIALEKLNKDMA
VPTPPPPVPPTKQYLCQPLLDVLANIRSPVFNHSLYRTFVPAMTAIHGPPITAPVVCTKRRLLEDDE
RQSIQSVLQGEVARLDPKFLVNLDPHSCSNNGTVHLICKLDDKDLPSVPLELSPADYPAQSPLWIDRQ
WQYDANPFLQSVHRCMTRLLQLPDKHSVTALLNTWAQSVHQACLSAA
```

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_015889

ORF Size: 2244 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_015889.5](#)

RefSeq Size: 3264 bp

RefSeq ORF: 2247 bp

Locus ID: 51586

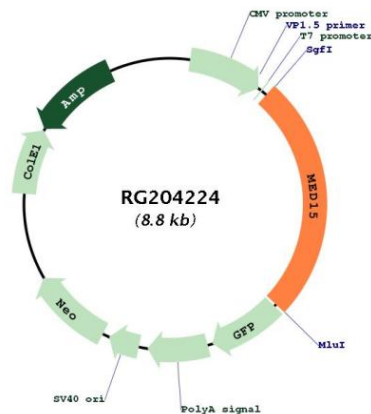
UniProt ID: [Q96RN5](#)

Cytogenetics: 22q11.21

Protein Families: Druggable Genome, Transcription Factors

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 RG204224