

Product datasheet for **SC320784**

MED15 (NM_015889) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MED15 (NM_015889) Human Untagged Clone
Tag:	Tag Free
Symbol:	MED15
Synonyms:	ARC105; CAG7A; CTG7A; PCQAP; TIG-1; TIG1; TNRC7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_015889.3
GGCCAAGCGGGATACGGGCGGGAGCTGGGGAACAGGCATGGACGTTTCCGGGAAGA
GACCGACTGGCGGAGCACCGCTTCCGGCAGAAGCTGGTCAGTCAAATCGAGGATGCCAT
GAGGAAAAGCTGGTGTGGCACACAGTAAATCCAGCAAGGATATGGAGAGCCATGTTTTCT
GAAGGCCAAGACCCGGGACGAATACCTTTCTCTCGTGGCCAGGCTCATTATCCATTTTCG
AGACATTACATAACAAGAAATCTCAAGCTTCCGTCAAGTATGAATGCACTCCAGAG
CCTGACTGGCGGACCTGCTGCGGGAGCCGCTGGAATTGGCATGCCTCCTCGGGGCCGGG
ACAGTCTCTGGGCGGGATGGGTAGCCTTGGTGCCATGGGACAGCCAATGTCTCTCAGG
GCAGCCGCTCCTGGGACCTCGGGGATGGCCCTCACAGCATGGCTGTCTGTCTACGGC
AACTCCACAGACCAGCTGCAGTCCAGCAGGTGGCGCTGCAGCAGCAGCAGCAACAGCA
GCAGTTCCAGCAGCAGCAGCAGGCGCGCTACAGCAGCAGCAGCAGCAGCAGCAACAGCA
GCAGTTCCAGGCTCAGCAGAGTGCCATGCAGCAGCAGTTCCAAGCAGTAGTGCAGCAGCA
GCAGCAGCTCCAGCAGCAGCAGCAGCAGCAGCATCTAATTAATTGCATCATCAAAA
TCAGCAACAGATACAGCAGCAGCAACAGCAGCTGCAGCGAATAGCACAGCTGCAGCTCCA
ACAACAGCAACAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGGCTTTGCAGGCCCA
GCCACCAATTCAGCAGCCACCGATGCAGCAGCCACAGCTCCGCCCTCCCAGGCTCTGCC
CCAGCAGCTGCAGCAGATGCATCACACACAGCACCACCAGCCGCCACCACAGCCCCAGCA
GGCTCCAGTTGCTCAGAACCAACCATCACAACTCCCGCCACAGTCGCAGACCCAGCCTTT
GGTGTACAGGGCGAAGCTCTCCCTGGACAAATGTTGTATACCCAACCACCACTGAAATT
TGTCCGAGCTCCGATGGTGGTGACAGCAGCCCCAGTGCAGCCCCAGGTGCAGCAGCAGCA
GACAGCAGTACAGACAGCTCAGGCTGCCAGATGGTGGCTCCCGGAGTCCAGGTACAGCA
GAGCAGCTCCCCATGCTGTCTCGCCGTACCGGGCCAGCAGGTGCAGACCCCGCAGTC
GATGCCCCCTCCCCCAGCCGTCCCCGCAGCCCGGCCAGCCAGCTCACAGCCCAACTC
CAACGTACAGCTCTGGCCCTGCCCATCTCCAGTAGCTTCTGCCAGCCCTCACCCGCA
GCCCTCCCAGAGCCAGTGACGGCGCGGACCCACAGAATTCAGTGTCCCCTCACCTGG
ACCTTTAAACACACCTGTGAACCCAGCTCTGTATGAGCCAGCTGGCTCCAGCCAGGC
TGAGGAGCAGCAGTACCTGGACAAGCTGAAGCAGCTGTGAAGTACATCGAGCCCTGCG



[View online »](#)

```

CCGCATGATCAACAAGATCGACAAGAACGAAGACAGAAAAAGGACCTGAGTAAGATGAA
GAGCCTTCTGGACATTCTGACAGACCCCTCGAAGCGGTGTCCCCTGAAGACCTTGCAAAA
GTGTGAGATCGCCCTGGAGAAACTCAAGAATGACATGGCGGTGCCACTCCCCACCGCC
CCCGGTGCCACCGACCAAACAGCAGTACCTATGCCAGCCGCTCCTGGATGCCGTCTGGC
CAACATCCGCTCACCTGTCTTCAACCATTCCCTGTACCGCACATTCGTTCCAGCCATGAC
CGCCATTACGGCCACCATCACGGCCCAAGTGGTGTGCACCCGGAAGCGCAGGCTTGA
GGATGATGAGCGGCAGAGCATCCCCAGTGTGCTCCAGGGTGAGGTGCCAGGCTGGACCC
CAAGTTCCTGGTAAACCTGGACCCTTCTACTGCAGCAACAATGGCACTGTCCACCTGAT
CTGCAAGCTGGATGACAAGGACCTCCCAAGTGTGCCACCACTGGAGCTCAGTGTGCCCGC
TGAATATCTGCCAAAGCCGCTGTGGATAGACCGGCAGTGGCAGTACGACGCCAACCC
CTTCTCCAGTCCGTGCACCGCTGCATGACCTCCAGGCTGCTGCAGCTCCCGGACAAGCA
CTCGGTACCCGCTTGTCAACACCTGGGCCAGAGCGTCCACCAGGCCTGCCTCTCAGC
CGCCTAGCCAAGACTGCAGGGATGGCCCGCAGCCTCATCGGGCCAAGGACACACGCCTC
CTGTGACACTTCTAGGTGTTGGCTTCTTAGAGAGCCTGGGGTTAGGTTAGCTTTCT
GCTTTTATCTTGCCTTGGGGACCTGCCAAACGAAATCCACACCTGTACAGAAGTGGG
ATAGGCGCAGTGGAGCGGTTGCTTGGGGGCGTTGGCCGACTTCTTAGAGAAGGCCCTC
CATGTGACTTCTCCAGGAGCCAGATGCGATCCTCAGGCTGCTCTCACCGTGGCCTGTC
CACGGTCCAGGTCCATCTCAGCAGCGTGAAGGTGCACTCAGGGTGTGTTAGAGCGTCTC
GTGTGTGCTAGACGCACCCCTACTCGTTCCTATAGAACACAGAGGACATAGGAAACCCCT
AAAACACACATGGGATTCTCTGGTCACAGTTTTGGGTTCCAGGCTATGCTGCTTTGGGCAG
GTGGAGCACCCCCGAGGAAGCCTGCAAGTCCAGGGCACAGGCTGCCTTTTGGAGGGAGG
GCTGGCCCATAGTGTGCTGCTGGCTCCCCGCCACCAGCTGGGCCTCAGCCCTCACGGCATT
CCTGCTGAGCACCGTGGGGCACCCAGGGAGCAGGGGCGTCAGGGATCCTGCTGCCGCAC
CCCTGTGCCGCTGGCATGAGGGCCGTGTCCCACTGTGAAGGATGAAGAGCAAGGCCCTC
AGGACCCGTGTCCTCAGAGCACACACTGAGCACCCAGAGACAGCGGGCCTGGCAGCG
GGCCGGGCCATGCAGGGAGCGCTCCCTATGTTGCCTGCCACTCTGGGCACCGGCCAGCA
CCCTCTGGTGAGAAGAGGTCCCCCTTTTATGTGCACTACCCACCATCTGTGATTATA
ATAAATTTATTATTCTGTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    
```

Restriction Sites:

Please inquire

ACCN:

NM_015889

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation:

This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_015889.3](#), [NP_056973.2](#)

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]

Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 3' coding region, compared to variant 1. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a.