

## Product datasheet for **SC114575**

### **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:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_015889, the custom clone sequence may differ by one or more nucleotides

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ATGGACGTTTTCCGGCAAGAGACCGACTGGCGGAGACCCGCTTCCGGCAGAAGCTGGTCAGTCAAATCG
AGGATGCCATGAGGAAAGCTGGTGTGGCACACAGTAAATCCAGCAAGGATATGGAGAGCCATGTTTTCTT
GAAGGCCAAGACCCGGGACGAATACCTTTCTCTCGTGGCCAGGCTCATTATCCATTTTCGAGACATTCAT
AACAAAGAAATCTCAAGCTTCCGTCAAGTATCCTATGAATGCACTCCAGAGCCTGACTGGCGGACCTGCTG
CGGGAGCCGCTGGAATTGGCATGCCTCCTCGGGGCCCGGACAGTCTCTGGGCGGGATGGGTAGCCTTGG
TGCCATGGGACAGCCAATGTCTCTCTCAGGGCAGCCGCCTCCTGGGACCTCGGGGATGGCCCTCACAGC
ATGGCTGTCTGTCTACGGCACTCCACAGACCCAGCTGCAGCTCCAGCAGGTGGCGCTGCAGCAGCAGC
AGCAACAGCAGCAGTTCCAGCAGCAGCAGCAGGCGGCGCTACAGCAGCAGCAGCAGCAGCAGCAACAGCA
GCAGTTCCAGGCTCAGCAGAGTGCCATGCAGCAGCAGTCCAAGCAGTAGTGCAGCAGCAGCAGCAGCTC
CAGCAGCAGCAGCAGCAGCAGCAGCATTAATTAATTGCATCATAAAATCAGCAACAGATACAGCAGC
AGCAACAGCAGCTGCAGCGAATAGCACAGCTGCAGCTCCAACAACAGCAACAGCAGCAGCAGCAGCAGCA
GCAGCAGCAGCAGCAGGCTTTGCAGGCCACGCCAATTTCAGCAGCCACCGATGCAGCAGCCACAGCCT
CGCCCTCCCAGGCTCTGCCCCAGCAGCTGCAGCAGATGCATCACACACAGCACCACCAGCCGCCACCAC
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GGTGTACAGGGCGAAGCTCTCCCTGGACAAAATGTTGTATACCCAACCACCAGTAAATTTGTCAGGCT
CCGATGGTGGTGCAGCAGCCCCAGTGCAGCCCCAGGTGCAGCAGCAGCAGCAGCAGCAGTACAGACAGCTC
AGGCTGCCAGATGGTGGCTCCCGGAGTCCAGGTGAGCCAGAGCAGCCTCCCATGCTGTCTCGCCGTC
ACCGGGCCAGCAGGTGCAGACCCCGAGTCGATGCCCCCTCCCCCCAGCCGTCCCCGCAGCCCGGCCAG
CCCAGCTCACAGCCAACTCCAACGTGAGTCTGGCCCTGCCCCATCTCCAGTAGCTTCTGCCCAGCC
CCTCACCCGAGCCCTCCCAGAGCCAGTGACGGCGGGACCCACAGAACTTCAGTGTCCCTCACCTGG
ACCTTTAAACACACCTGTGAACCCAGCTCTGTGATGAGCCAGCTGGCTCCAGCCAGGCTGAGGAGCAG
CAGTACCTGGACAAGCTGAAGCAGCTGTGAAAGTACATCGAGCCCTGCGCCGATGATCAACAAGATCG
ACAAGAACGAAGACAGAAAAAGGACCTGAGTAAGATGAAGAGCCTTCTGGACATTCTGACAGACCCCTC
GAAGCGGTGTCCCCTGAAGACCTTGAAAAGTGTGAGATCGCCCTGGAGAACTCAAGAATGACATGGCG
GTGCCACTCCCCACCCCGGTGCCACCGACCAACAGCAGTACCTATGCCAGCCGCTCCTGGATG
CCGTCTGGCCAAACATCCGCTCACCTGTCTTCAACCATCCCTGTACCGCACATTCGTTCCAGCCATGAC
CGCCATTCACGGCCACCCATCACGGCCCCAGTGGTGTGCACCCGGAAGCGCAGGCTTGAGGATGATGAG
CGGCAGAGCATCCCAGTGTGCTCCAGGTGAGGTGGCCAGGCTGGACCCCAAGTTCTGGTAAACCTGG
ACCTTCTCACTGCAGCAACAATGGCACTGTCCACCTGATCTGCAAGCTGGATGACAAGGACCTCCAAG
TGTGCCACCAGTGGAGCTCAGTGTGCCCGCTGACTATCCTGCCAAAGCCCGCTGTGGATAGACCGGCAG
TGGCAGTACGACGCCAACCCCTTCTCCAGTCCGTGCACCGCTGCATGACCTCCAGGCTGCTGCAGCTCC
CGGACAAGCACTCGGTACCCGCTTGTCAACACCTGGGCCAGAGCGTCCACCAGGCTGCCTCTCAGC
CGCCTAG
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_015889 unedited  ATTGTATACGACTCACTATAGGCGGCCGCGACATTGCGACGAGGGCGGTGGCGGCCAAGC  GGGATACGGGCGGGGAGCTGGGGAAACAGGCATGGACGTTTTCCGGGCAAGAGACCGAC  TGGCGGAGCACCCTCCGGCAGAAGCTGGTCAGTCAAATCGAGGATGCCATGAGGAAA  GCTGGTGTGGCACACAGTAAATCCAGCAAGGATATGGAGAGCCATGTTTTCTGAAGGCC  AAGACCCGGGACGAATACCTTTCTCTCGTGGCCAGGCTCATTATCCATTTTCGAGACATT  CATAACAAGAAATCTCAAGCTCCGTCAGTGATCCTATGAATGCACTCCAGAGCCTGACT  GGCGGACCTGCTCGGGGAGCCGCTGGAATTGGCATGCCTCCTCGGGGCCGGGACAGTCT  CTGGGCGGGATGGGTAGCCTTGGTGCCATGGGACAGCCAATGTCTCTCTCAGGGCAGCCG  CCTCCTGGGACCTCGGGGATGGCCCTCACAGCATGGCTGTCGTGTCTACGGCAACTCCA  CAGACCCAGCTGCAGCTCCAGCAGGTGGCGCTGCAGCAGCAGCAGCAACAGCAGCAGTTC  CAGCAGCAGCAGCAGGCGGCGCTACAGCAGCAGCAGCAGCAGCAGCAACAGCAGCAGTTC  CAGGCTCAGCAGAGTCCATGCAGNCAGCAGTCCCAAGCAGTAGTCAGCAGCAGCAGC  AGTTCAGCAGCAGCAGCAGCAGCAGCAGCATCTAATTAATGCATCATAAAATCAGC  AACAGATACAGCAGCAGCAACAGCAGCTGCAGCGAATAGCAAGGTTGCAGCTCCAACACA  GCAACAGCAGCAGCAGCAACAGCAGCAGCAA</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_015889 unedited  CGGGTGATAATAAATTATTATTACCACAGNAGGTGGGGTAGTGACATAAAAAGGGGGAC  CTTTTCTACCANAGGTGCTGGCCGGTGCCAGAGTGGCAGGCAACATAGGGAGGCGCTCC  CTGCATGGCCCGCCGCTGCCAGGCCGCTGTCTCTGGGTGCTCAGTGTGTGGTGTCT  GAGGACACGGGTCTGAGGGCCTTGTCTTCATCCTTCACAGTGGGGACACGGCCCTGAT  GCGAGCGGCACAGGGGTGCCGGCAGCAGGATCCCTGACGCCCTGCTCCCTGGGTGCCCC  ACGGTGCTCAGCAGGAATGCCGTGAGGGCTGAGGCCAGCTGGTGGCGGGAGCCAGCAG  CACCTATGGGCCAGCCCTCCCTCCAAAAGGCAGCCTGTGCCCTGGACTTGCAAGGTTCTCT  CGGGGGGTGCTCCACCTGCCAAAGCAGCATAGCCTGAACCCAAAAGTGTGACCAGAGAA  TCCCATGTGTGGCTCAAGGGTTTCTATGTCCTCTGTGTTCTATAGGAACGAGTAGGGGG  GCGTTCAGCACACAGAGACGCTCTAACAACACCCCTGGTGCACCCTCACGCTGTGAGA  TGGACCCGGACCTGTGACTGGCCACAGTGAGAGCAGTGCAGATCCAATCTGGCCTCCT  GCGGTGTATGTCCCGGGAGGGCCTTCCCCTACAAGCTCCCACATTTCCCCAAGCAACC  CCCTCCTCCGAGTCCGTCCGACCTCTGTCCCGGGCGGGACCTCGTTTGGTGTGTCCCA  GGGTATATAATACAGGAAATTTACCTACCCTCAGCTCCCCAAGGATTTCCCCCTCGAA  ACGCCTACAGGTGGCCGGTCCCTTTCCCGTTTCGCCTCCGCCCCCTGGCCCTTTCCAGC  CGCTCTAGGCCTCCCGCTGACCTTCTGCACCTACCAC</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_015889
<b>Insert Size:</b>	3270 bp
<b>OTI Disclaimer:</b>	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).
<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>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_015889.3</a> , <a href="#">NP_056973.2</a>
<b>RefSeq Size:</b>	3264 bp
<b>RefSeq ORF:</b>	2247 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>Gene Summary:</b>	<p>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]</p> <p>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.</p>