

Product datasheet for **SC111740**

TRAP100 (MED24) (NM_014815) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAP100 (MED24) (NM_014815) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRAP100
Synonyms:	ARC100; CRSP4; CRSP100; DRIP100; MED5; THRAP4; TRAP100
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_014815, the custom clone sequence may differ by one or more nucleotides

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ATGAAGGTGGTCAACCTGAAGCAAGCCATTTTGAAGCCTGGAAGGAGCGCTGGAGTGACTACCAATGGG
CAATCAACATGAAGAAATCTTTCTAAGGAGCCACCTGGGATATTCTCAACCTGGCAGATGCGTACT
AGAGCAGGCCATGATTGACCATCCCCCAATCCTCTCATCTTGTCTACCTGAAGTATGCCATTAGTTCC
CAGATGGTGTCTACTCTTCTGTCTCACAGCCATCAGTAAGTTTGATGACTTTTCTCGGGACCTGTGTG
TCCAGGCATTGCTGGACATCATGGACATGTTTTGTGACCGTCTGAGCTGTCACGGCAAAGCAGAGGAATG
CATCGGACTGTGCCGAGCCCTTCTTAGCGCCCTCCACTGGCTGCTGCGCTGCACGGCAGCCTCTGCAGAG
CGGCTGCGGGAGGGGCTGGAGGCCGGCACTCCAGCCGCTGGGAGAAGCAGCTTGCCATGTGCCTTCAGC
GCCTGGAGAAAACCTCAGCAGCACCAAGAACCGGGCCCTGCTGCACATCGCCAAACTAGAGGAGGCCTC
TTCTTGGACTGCCATCGAGCATTCTCTTGAACCTGGAGAGATCCTGGCCAATCTCAGCAACCCGAG
CTCCGGAGTCAGGCCGAGCAGTGTGGCACCCCTATTAGGAGCATCCCCACGATGTGTCTGTGCATGCGG
AGCAGATGCACAAGACCGCTTCCCACGTCCACGCGGTGATCCTGCTCGAGGGCACCATGAACCTGAC
AGGCGAGACGCAGTCCCTGGTGGAGCAGCTGACGATGGTGAAGCGCATGCAGCATATCCCCACCCCACTT
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AGTGGACAGCTTTCACCTTCTCAAGATTCCACAGTTTTTGGTGAAGTTGAAGAAGTACTCTCATGGAGA
CAAGGACTTCACTGAGGATGTCAACTGTGCTTTTGTGTTCTGCTGAAGCTCACCCCTTGTGGACAAA
GCTGACCAGCGTGAACCTGTGACTGTACAAACTTCTGCTCCAAGAATGTGGCAAGCAGGGGCTTCTGT
CTGAGGCCAGCGTCAACAACCTTATGGCTAAGCGCAAAGCGGACCGAGAGCACGCCACCCAGCAGAAATC
GGGAGAGAATGCCAACATCCAGCCCAACATCCAGCTGATCCTCCGGGCGGAGCCCACTGCACAAACATC
CTCAAGACGATGGATGCAGACCACTAAGTACCGGAGGGACTGCTGGGAGTCTGGGCCACATGCTGT
CCGGGAAGAGTCTGGACTTGTGCTGGCTGCCGCGCCGCACTGGAAAGCTGAAATCCTTCGCCGGAA
ATTCATCAATTTGAATGAATTCACAACCTATGGCAGCGAAGAAAGCACCAAAACCGCCTCCGTCCGGCC
CTGCTGTTTGACATCTCCTTCTCATGCTGTGCCATGTGGCCAGACCTATGGTTCAGAGGTGATTCTGT
CCGAGTCGCGCACAGGAGCTGAGGTGCCCTTCTCGAGACCTGGATGCAGACCTGCATGCCTGAGGAGGG
CAAGATCTGAACCTGACCACCCTGCTTCCGCCCGACTCCACCAAAGTGGAGTCCCTGGTGGCCCTG
CTCAACAACCTCTCGGAGATGAAGCTAGTGCAGATGAAGTGGCATGAGGCCTGTCTCAGCATCTCAGCCG
CCATCTTGAAAATCCTCAATGCCTGGGAGAATGGGGTCTGGCCTTCGAGTCCATCCAGAAAATCACTGA
TAACATCAAAGGGAAGGTATGCAGTCTGGCGGTGTGTGCTGTGGCTTGGCTTGTGGCCACGTCCGGATG
CTGGGGCTGGATGAGCGTGAGAAGTGCCTGCAGATGATCCGCCAGCTGGCAGGGCCACTGTTTAGTGAGA
ACACCCTGCAGTTCTACAATGAGAGGGTGGTGTATGAACCTCGATCCTGGAGCGCATGTGTGCCGACGT
GCTGCAGCAGACAGCCACGCAGATCAAGTTTCCCTCCACCGGGGTGGACACAATGCCCTACTGGAACCTG
CTGCCCCCAAGCGGCCATCAAAGAGGTGCTGACGGACATTTTGGCAAGGTGCTGGAGAAGGGCTGGG
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GAGGATTATATCAGCCTTCTCCCTGGACGATGTGCAGCCTTGAAGTTGATGCGACTGCTGAGCTCTA
ATGAGGACGATGCCAACATCCTTTGAGCCCCACAGACCGATCCATGAGCAGCTCCCTCTCAGCCTCTCA
GCTCCACACGGTCAACATGCGGGACCCTCTGAACCGAGTCTGGCCAACCTGTTCTGCTCATCTCTCC
ATCCTGGGGTCTCGCACCCTGGCCCCACACCGATTCGTGCAGTGGTTCATGGAGGAGTGTGTGGACT
GCCTGGAGCAGGGTGGCCGTGGCAGCGTCTGCAGTTCATGCCCTTACCACCGTGTGGAACTGGTGAA
GGTGTGAGCCATGTCCAGCCCAAGGTGGTCTGGCCATCACGGACCTCAGCCTGCCCTGGGCCCGCAG
GTGGCTGCTAAAGCCATTGCTGACTCTGA
    
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_014815 unedited</p> <p>GACTCACTATAGGGCGGCCGGAATTCGGCACGAGGATTGTGCGCTCCATTTCTTTCACT TCAAAGCTGGCCGCCACCGCTGCCACCTGCTCAGAGTGAATAATGAAGGTGGTCAACCT GAAGCAAGCCATTTTGAAGCCTGGAAGGAGCGCTGGAGTGAACCAATGGGCAATCAA CATGAAGAAATTTCTTAAAGGAGCCACCTGGGATATTCTCAACCTGGCAGATGCGTT ACTAGAGCAGGCCATGATTGGACCATCCCCAATCCTCTCATCTTGTCTACCTGAAGTA TGACTTTTCTCGGGACCTGTGTGCCAGGCATTGCTGGACATCATGGACATGTTTTGTGA TGCCTGTGAGCTGTACGGCAAAGCAGAGGAATGCATCGGACTGTGCCGAGCCCTTCTTAG CGCCCTCCACTGGCTGCTGCGCTGCACGGCAGCCTCTGCAGAGCGGCTGCGGGAGGGGCT GGAGGCCGGCACTCCAGCCGCTGGGAGAAAGCAGCTTGCCATGTGCCTTCCAGCGCCTGGA GAAAACCTCAGCAGCACCAAGAACCGGGCCCTGCTGCACATCGCCAACTAGAGGGAGC CTCTTTCTGGACTGCCATCGAGCATTCTCTTGAAGTGNAGAGATCCCTGCCAATCT CAGCAACCCGAGCTTCGNAGTCAGGCCGAGCAGTGTGGCACCCCTCATTANGAGCATCCC ACGATGCTGTCTGTGCATGCNAGCANATGCACAAGAACCCTTNCCTACTGTCCACGCC GTGATCCTGCTCGAGGGACATGAACCTGACAGCGAGACGCATCCCTTGGTGGACANCTG ACGATGGTGAGCGCATGCANATATNCCCACCCACTTTTGTCTGNAGACTGGAAAGCTGC TCGTGGGCTCATGATCTCCGAGGNTACGAGAC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_014815 unedited</p> <p>GCGGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTCAAGGGAGCCACGAGGAGCT TTATTTATACATGAACGAAGGTAGATTTCCCTCACATATTACAAAATACACAAAACACA CACACACACACACACACACACACACATACATACTTTGCATCTAGAAAGTTCCTCAG AGGTAAGACTACTCTGGGCTGGGGCGGGCGCACACAGGGGTGACCACTGGGCTTGGGGT CCAGGCTGCTCACTCTCCTCAGGTGCCAGCAGATGGAGAGGAAATTTGAAAGAAGAAAC CGGGAGACATCCTGGAGGTGAGGAGTCAGGAGCGGGAACTGGAAGCCGCTAGAGGCTCT TGCACCATGTGGAGCGGATGTGAGGCACGATGCCTCATCTTTCTCACTGCTTCCCTTG AGGCGCTGGGGCTGCGCCAGTCCCCAGCCCCACTGCGGCCATGCCAAGCCCCTCAGAG TGCAGCAATGGCTTTAGCAGCCACCTGGCGGCCAGGGGCAGGCTGAGGTCCGTGATGCC CAGAACCACCTTGGGGCTGGACATGGCTGACACCTTACCAGTCCGACACGGTGGTGAA GGCATGAACCTGCAGGACGCTGCCACGGCCACCCTGTTACAGCAGTCCACACACTCTCC ATGAACCACTGCACGAAGTGGGTGTGGGGCCAGCGGTGCGAGACCCAGGATGGAGGAA ATGACCAGGACCCGTTGCCAGGACTCGGTTAGAGGGTCCCAGCATGTTGACCGCGTGG ACCTGAAAGGCTGACAGGGACCTGCTCATGGAACCGGCCTGGGGGCCTCAAAGGATGT GGCACTCGCCCTCATAAAACCTCAAAGCGCAACAACCTCAGAAGGTGGCCATTGGNCAA GGGGGAAGAAGCTTAAATAACTCCCATGCGCTTCGCGGGGTTTCTTTTGGGGGGTG G</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_014815
Insert Size:	3600 bp
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).
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:	<ol style="list-style-type: none">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_014815.2 , NP_055630.2
RefSeq Size:	3735 bp
RefSeq ORF:	3735 bp
Locus ID:	9862
UniProt ID:	O75448
Cytogenetics:	17q21.1
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>This gene encodes a component of the mediator complex (also known as TRAP, SMCC, DRIP, or ARC), a transcriptional coactivator complex thought to be required for the expression of almost all genes. The mediator complex is recruited by transcriptional activators or nuclear receptors to induce gene expression, possibly by interacting with RNA polymerase II and promoting the formation of a transcriptional pre-initiation complex. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1).</p>