

Product datasheet for **SC315639**

TRAP100 (MED24) (NM_001079518) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAP100 (MED24) (NM_001079518) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRAP100
Synonyms:	ARC100; CRSP4; CRSP100; DRIP100; MED5; THRAP4; TRAP100
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001079518, the custom clone sequence may differ by one or more nucleotides

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ATGAAGGTGGTCAACCTGAAGCAAGCCATTTTGAAGCCTGGAAGGAGCGCTGGAGTGAC
TACCAATGGGCAATCAACATGAAGAAATCTTTCTAAAGGAGCCACCTGGGATATTCTC
AACCTGGCAGATGCGTTACTAGAGCAGGCCATGATTGGACCATCCCCAATCCTCTCATC
TTGTCTACCTGAAGTATGCCATTAGTCCCAGTTTGTGACTTTTCTCGGGACCTGTGT
GTCCAGGCATTGCTGGACATCATGGACATGTTTTGTGACCGTCTGAGCTGTCACGGCAA
GCAGAGGAATGCATCGGACTGTGCCGAGCCCTTCTTAGCCCTCCACTGGCTGTGCGC
TGCACGGCAGCCTCTGCAGAGCGCTGCGGGAGGGCTGGAGGCCGGCACTCCAGCCGCT
GGGGAGAAGCAGCTTGCATGTGCCCTCAGCGCCTGGAGAAAACCTCAGCAGCACAAG
AACCGGGCCCTGCTGCACATCGCCAACTAGAGGAGGCCCTTCTTGGACTGCCATCGAG
CATTCTCTTGGAACTTGGAGAGATCTGGCCAACTCAGCAACCCGACGCTCCGGAGT
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CCACAGTTTTTGGTGAAGTTGAAGAAGTACTCTCATGGAGACAAGGACTTCACTGAGGAT
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GATGAGCGTGAGAAGTCGCTGCAGATGATCCGCCAGCTGGCAGGGCCACTGTTTAGTGAG
AACACCCTGCAGTTCTACAATGAGAGGGTGGTATCATGAACTCGATCCTGGAGCGCATG
TGTGCCGACGTGCTGCAGCAGACAGCCACGCAGATCAAGTTTCCCTCCACCGGGTGGAC
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CCTTCGAAGTTGATGCGACTGCTGAGCTTAATGAGGACGATGCCAACATCCTTTCGAGC
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TCTCGCACCGCTGGCCCCACACCCAGTTCGTGACAGTGGTTCATGGAGGAGTGTGTGGAC
TGCTGGAGCAGGTTGGCGTGGCAGCGTCTGCAAGTTCATGCCCTTACCACCGTGTGC
GAACTGGTGAAGGTGTCAGCCATGTCCAGCCCCAAGGTGGTTCGGCCATCACGGACCTC
AGCCTGCCCTGGGCCCGAGGTGGCTGCTAAAGCCATTGCTGCACTC

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Restriction Sites:	Please inquire
ACCN:	NM_001079518
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:	<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:	<u>NM_001079518.1</u> , <u>NP_001072986.1</u>
RefSeq Size:	3718 bp
RefSeq ORF:	2931 bp
Locus ID:	9862
UniProt ID:	<u>O75448</u>
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 (2) differs in the 5' UTR and lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. The resulting protein (isoform 2) is shorter than isoform 1. Variants 2 and 3 encode the same protein.</p>