

Product datasheet for **SC332880**

TRAP100 (MED24) (NM_001267797) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAP100 (MED24) (NM_001267797) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRAP100
Synonyms:	ARC100; CRSP4; CRSP100; DRIP100; MED5; THRAP4; TRAP100
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC332880 representing NM_001267797.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAAGGTGGTCAACCTGAAGCAAGCCATTTTGAAGCCTGGAAGGAGCGCTGGAGTGACTACCAATGG
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001267797
Insert Size: 2931 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_001267797.1
RefSeq Size:	3676 bp
RefSeq ORF:	2931 bp
Locus ID:	9862
UniProt ID:	O75448
Cytogenetics:	17q21.1
Protein Families:	Druggable Genome, Transcription Factors
MW:	108.9 kDa
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 (3) 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. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>