

Product datasheet for **SC321057**

MED4 (NM_014166) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MED4 (NM_014166) Human Untagged Clone
Tag:	Tag Free
Symbol:	MED4
Synonyms:	ARC36; DRIP36; HSPC126; TRAP36; VDRIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_014166.2

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GCTCTGCGCGTGCCTGGTGGCGGGACTCTGGGAAAAATGGCTGCGTCTTCGAGTGGTGA
GAAGGAGAAGGAGCGGCTGGGAGGCGGTTGGGAGTGGCGGGTGGTAACAGCACACGAGA
GCGGCTGCTGTCTGCGCTTGAGGACTTGAGGCTCTGTCTAGGGAACCTATAGAAATGCT
GGCAATTTCAAGAAACCAGAAGTTGTTACAGGCTGGAGAGGAAAAACCAGGTCCTGGAGTT
GTTAATTCACCGAGATGGGAATTTCAAGAACTAATGAAATTGGCACTTAATCAGGGAAA
AATTCATCATGAAATGCAAGTTTGAAGAAAGAGTAGAGAAGAGAGACGGTGATATTCA
GCAGCTACAAAAACAGCTAAAGGAAGCAGAACAAATACTGGCAACAGCTGTTTACCAAGC
GAAGGAGAACTCAAGTCAATAGAAAAAGCAAGAAAAGGTGCTATCTCCTCTGAAGAAAT
AATTAAGTATGCACATAGGATCAGTGCAAGTAATGCTGTATGTGCTCCACTGACCTGGGT
TCCAGGGGACCCCGGAGACCCTACCAACTGATTTAGAGATGAGAAGTGGGTTACTGGG
TCAGATGAACAATCCTTCCACTAATGGCGTGAATGGCCATTTACCAGGAGATGCACTTGC
AGCAGGAAGATTGCCAGATGTCCTTGCTCCACAGTATCCATGGCAGTCAAATGACATGTC
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GTCTGATTGAAAAACCTTAAAGACAATATACAGAATTGAATACTGTAGAATTCTGTTTC
TTTAACAGTAGCAGGGAATGTAAGTACAGGTGACAAAAATACCCAGGTAAACACTGG
CTTTGGTAGAATTGTGCAGTCATTAAAAAGTCAAAATTTTTGACTTTCTTTTTAAAGCCA
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CTGTTGAAAAAGCAGTTGCTATGTGCTTTCTTACCCTGTTCTGTTCCAGTTTTGCTGGAT
TTGTACATAGCCATTCTAGAAATAGAGTTGAGGGAATATCCATATACATATCACTAAT
AGGCTTCTTGAATTATTTAGAAAAGCATTTTTAACTGGCAGTGGATGACTGAATAGGC
ATCATATTTCTTTTGTGTGTCATTTAAAGTAACAAAACTGCCATTTGACAGTAAAGG
CTCTTGGCTTCTGTTGGAGGCATGGGAATTTGTCTCAATTTGTACAGTTTGAATTGTAA
TTTTTGTAATAAATTTGTTGTACATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites: Please inquire



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ACCN:	NM_014166
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:	<u>NM_014166.2, NP_054885.1</u>
RefSeq Size:	2022 bp
RefSeq ORF:	813 bp
Locus ID:	29079
UniProt ID:	<u>Q9NPJ6</u>
Cytogenetics:	13q14.2
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	This gene encodes a component of the Mediator complex. The Mediator complex interacts with DNA-binding gene-specific transcription factors to modulate transcription by RNA polymerase II. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).