

Product datasheet for **SC115116**

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014166, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGCGTCTTCGAGTGGTGAGAAGGAGAAGGAGCGGCTGGGAGGCGGTTTGGGAGTGGCGGGTGGTA
ACAGCACACGAGAGCGGCTGCTGTCTGCGCTTGAGGACTTGGAGGTCTGTCTAGGGAACCTATAGAAAT
GCTGGCAATTTCAAGAAACCAAAAGTTGTTACAGGCTGGAGAGGAAAACCAGGTCCTGGAGTTGTTAATT
CACCGAGATGGGGAATTTCAAGAACTAATGAAATTGGCACTTAATCAGGGAAAAATTCATCATGAAATGC
AAGTTTTAGAAAAAGAAGTAGAGAAGAGAGACAGTGATATTCAGCAGCTACAAAAACAGCTAAAGGAAGC
AGAACAATACTGGCAACAGCTGTTTACCAAGCGAAGGAGAACTCAAGTCAATAGAAAAAGCAAGAAAA
GGTGCTATCTCCTCTGAAGAAATAATTAAGTATGCACATAGGATCAGTGAAGTAATGCTGTATGTGCTC
CACTGACCTGGGTCCAGGGGACCCCGGAGACCTACCCAAGTATTTAGAGATGAGAAGTGGGTACT
GGGTGAGATGAACAATCCTTCCACTAATGGCGTGAATGGCCATTTACCAGGAGATGCACTTGCAGCAGGA
AGATTGCCAGATGTCCTTGCTCCACAGTATCCATGGCAGTCAAATGACATGTCGATGAATATGTTACCAC
CAAATCATAGTAGTGACTTTTTGTTGGAACCTCCTGGGCATAATAAGAAAAATGAAGATGATGTAGAGAT
TATGTCAACGGACTCCTCAAGCAGTAGTAGTGAGTCTGATTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_014166 unedited GTCGGATTTTGTAAACGATCTCCTATAGGGCGGCCGCGATTCCGGCACGAGGCCTCGTG CCGATTCGGCACGAGGCTTCGAGTGGTGAGAAGGAGAAGGAGCGGCTGGGAGGCGGTTTG GGAGTGGCGGGTGGTAACAGCACACGAGAGCGGCTGCTGTCTGCGCTTGAGGACTTGGAG GTCCTGTCTAGGGAACCTATAGAAATGCTGGCAATTTCAAGAAACCAAAAGTTGTACAG GCTGGAGAGGAAAACAGGTCCTGGAGTTGTTAATTCACCGAGATGGGGAATTTCAAGAA CTAATGAAATTTGGCACTTAATCAGGGAAAAATTCATCATGAAATGCAAGTTTTAGAAAAA GAAGTAGAGAAGAGAGACAGTGATATTCAGCAGCTACAAAAACAGCTAAAGGAAGCAGAA CAAATACTGGCAACAGCTGTTTACCAAGCGAAGGAGAACTCAAGTCAATAGAAAAAGCA AGAAAAAGTGCTATCTCCTCTGAAGAAATAATTAAGTATGCACATAGGATCAGTGCAGT AATGCTGTATGTCTCCACTGACCTGNGTTCAGGGGACCCCGGAGACCCTACCCAAT GATTTAGAGATGAGAAGTGGGTTACTGGGTCAGATGAACAATCCTTCCACTAATGGCGTG AATGGCCATTTACCAGNAGATGCACTTGCAGCAGGAAGATTGCCAGATGTCCTTGCTCCA CAGTATCCATGGCAGTCAATGACATGTCGATGAATATGTTACCACCAAATCATAGTAGT GACTTTTTTNTGGAACCCTCCTGGCATCATAAAGAAAAATGAAGATGATGTANAGATTAT GTCAACGGACTCCTCAAGCAGTAGTAGTCTGATTGAAAACCTTANAGACCATATC CGAATTGATACTGTAGAATTCTGTTCTTTACAGTAGG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_014166 unedited CGCGGCCCAATCTAGNATCGAGTTTTTTTTTTTTTTTTTTTGGATATTATCTCTGGGTAGA ATGCTAACAAATTTATTTTCTCCTTTACTGTATTCACATAATGTTTCACATTAATGTTG TATTACCTTTGAAATCAGAAGATACATTGTCTAAAACGATACATCAAGAAATAGTTGTA TAAGCATATTACCTAAACACAGAGTTACCAACAGAAATTAAGAGTGGTTAAAAATGACT CCTGGGAACTGTAAAGAGAGGAAGGTGAAGGGAAGAAATGGTTGCTTTCCATTCTAAAT CTTACACAATCTATTCTTAAAATCAGACAAGGCTGTGGTAAATTTTTTCAATTATTA AAAAAATTTTCTTCTAATAGGAATAGGCCTTTGAGAACCCTATTAATTGTAATAGGTTT CAATTCAGTTAGTCACTCAAGTATTATAAAATGCAACTGGATTTACAGAAATAATTTCT ACCTACACTGACAGTATATTTAACTAAAAAAGCATACAATGTACAAACAAATTTATT TACAAAAATTACAATTACAACTGTACAAATGAGACAATTTCCCATGCCTCCAACAGAA GCCAAGAGCCTTTACTGTCAAATGGCAGTTTTTGTCACTTTTCAACGACACACAAAAAGA AATATGATGCCTATTCAGTCATCCACTGCCAGTTTAAAAATGCTTTTCTAAATAATTCCA AGAAGCCTATTAATGATATGTATATGGAAAAATTTCCCTTCACTCCTTTTCTTAGAATGG CTTTGTACAAATTCAGCACAACCTGGACAGTACAGGGTAAGGAAAGCCATAGCACTTGTTT TTCACAAGTAATTTGACTTTTCCCTAATATCACACTAGGGGTAAGAACTAAACCACGGC CTTTGCTTTACAAAAAGTCCAAATCTCGCCTTTATGGCCGCAATCTACAAGACCAGGT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_014166
Insert Size:	1870 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_014166.2 , NP_054885.1
RefSeq Size:	2022 bp
RefSeq ORF:	813 bp
Locus ID:	29079
UniProt ID:	Q9NPJ6
Cytogenetics:	13q14.2
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>