

## Product datasheet for **SC113804**

### **MED9 (NM\_018019) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	MED9 (NM_018019) Human Untagged Clone
Tag:	Tag Free
Symbol:	MED9
Synonyms:	MED25
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018019, the custom clone sequence may differ by one or more nucleotides

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ATGGCCTCTGCTGGGGTGGCAGCCGGGCGACAGGCGGAGGATGTATTGCCGCCAACGTCCGACCAGCCGC
TGCCTGACACCAAGCCGCTGCCGCCTCCTCAGCCGCCCGGTCCTGCGCCTCAACCGCAGCAGTCGCC
GGCGCCACGGCCTCAGTCACCTGCCCGCGGAGGGAGGAAGAAGAACTACTCCTTTTTACCTTTGGTTTAC
AACATCATCAAATGCATGGACAAGGACAGCCCGGAGGTCCACCAGGACCTGAACGCCCTCAAAGCAAGT
TCCAGGAGATGCGCAAGCTCATCAGCACCATGCCCGGCATCCACCTGAGCCCCGAACAGCAGCAGCAGCA
GCTGCAGAGCCTCCGGGAGCAAGTCAGGACCAAGAATGAGCTTCTGCAAAGTACAAGAGCCTCTGCATG
TTCGAAATCCCCAAGGAGTAG
```



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_018019 unedited GGGTTGACTAATTTGTAATACGACTCACTATAGGGCGGCCGCAAATTCGCACGAGGGGC GACCCGACCTCTGGCTAACCTACCCCGGAGCCATGGCCTCTGCTGGGGTGGCAGCCGGG CGACAGGCGGAGGATGTATTGCCGCCAACGTCCGACCAGCCGCTGCCTGACACCAAGCCG CTGCCGCTCCTCAGCCGCCGCCGGTCCCTGCGCCTCAACCGCAGCAGTCGCCGGCGCCA CGGCCTCAGTCACCTGCCCGCGGAGGGAGGAAGAGAATACTCCTTTTTACCTTTGGTT CACAACATCATCAAATGGTAAGAACCTAGGAGAGGACCAGGCCCCATACTCCCTCCAGCT TCTCCTCTCAGCCGTTTCAGAGCTGCAAGAGGCCTTGGCGCTCTGGGGCACGCCCCCGTT TCACAGATGGGGAACTCAGACCAGAGCGGGAAGAGGCCTTCCCAAGACCACAGAGAC ATTCCATGAGTTAAGCAAACGATTTGAGCCTCGAGAGGTGCGATATCCTTAAGAATGAAG CCAGCTTAGAGACTAAATGCAGACTCTTGTCCAGCGGCTCAAATGTTTATCCCAGCGATC TTGAGCAAATTAATCTCTTTAAGCCTCAGTTTTCTCACCTTAAATGTTGGTAATACTCA CTTTAGTTCCTTAGTTCAGCAAACCTCAACAGATAAGCATCATCTTCCCTGTGCCAAGTGC TACGGGATGGACGCAGTAAAAGGGGCCAACTTTTACCCCAAAGGTTTAGATAGAAATGA AAAAAAGACTGATTGGGAATAACCCACAATCCAAAAGATGAGACGGGAGTGGTGGCGAT GGGAAAACATAGACTAAGCAGAACACAAAGTTGCCTCAGATGATAGACCCACTGTACTGA CTT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_018019
<b>Insert Size:</b>	2090 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_018019.2</a></u> , <u><a href="#">NP_060489.1</a></u>
<b>RefSeq Size:</b>	2222 bp
<b>RefSeq ORF:</b>	441 bp
<b>Locus ID:</b>	55090
<b>UniProt ID:</b>	<u><a href="#">Q9NWA0</a></u>
<b>Cytogenetics:</b>	17p11.2

**Gene Summary:**

The multiprotein Mediator complex is a coactivator required for activation of RNA polymerase II transcription by DNA bound transcription factors. The protein encoded by this gene is thought to be a subunit of the Mediator complex. This gene is located within the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq, Jul 2008]