

## Product datasheet for **SC332987**

### **MED4 (NM\_001270629) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** MED4 (NM\_001270629) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** MED4  
**Synonyms:** ARC36; DRIP36; HSPC126; TRAP36; VDRIP  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC332987 representing NM\_001270629.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGCTGGCAATTTCAAGAAACAAAAGTTGTACAGGCTGGAGAGGAAAACAGGTCTGGAGTTGTTA
ATTCACCGAGATGGGGAATTTCAAGAACTAATGAAATTGGCACTTAATCAGGGAAAAATTCATCATGAA
ATGCAAGTTTTAGAAAAAGAAGTAGAGAAGAGAGACAGTGATATTCAGCAGCTACAAAAACAGCTAAAG
GAAGCAGAACAAATACTGGCAACAGCTGTTTACCAAGCGAAGGAGAACTCAAGTCAATAGAAAAAGCA
AGAAAAGGTGCTATCTCCTCTGAAGAAATAATTAAGTATGCACATAGGATCAGTGAAGTAATGCTGTA
TGTGCTCCACTGACCTGGGTTCCAGGGACCCCGAGACCTACCCAAGTATTTAGAGATGAGAAGT
GGGTTACTGGGTGAGATGAACAATCCTTCCACTAATGGCGTGAATGGCCATTTACCAGGAGATGCACTT
GCAGCAGGAAGATTGCCAGATGTCCTTGCTCCACAGTATCCATGGCAGTCAAATGACATGTCGATGAAT
ATGTTACCACCAAATCATAGTAGTGACTTTTTGTTGGAACCTCCTGGGCATAATAAAGAAAATGAAGAT
GATGTAGAGATTATGTCAACGGACTCCTCAAGCAGTAGTAGTGAGTCTGATTGA
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001270629

**Insert Size:** 675 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).



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|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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_001270629.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>           | 2181 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>RefSeq ORF:</b>            | 675 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Locus ID:</b>              | 29079                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID:</b>            | <u><a href="#">Q9NPJ6</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Cytogenetics:</b>          | 13q14.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Families:</b>      | Druggable Genome, Transcription Factors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>MW:</b>                    | 24.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Gene Summary:</b>          | <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 (2) uses an alternate 5' exon structure and initiates translation at a downstream in-frame start codon compared to variant 1. The encoded isoform (2) has a shorter N-terminus compared to isoform 1.</p> |