

## Product datasheet for **SC216643**

### **SAMD9 (NM\_017654) Human 3' UTR Clone**

#### **Product data:**

|               |   |
|---------------|---|
| Product Type: | 3' UTR Clones                                   |
| Product Name: | SAMD9 (NM_017654) Human 3' UTR Clone            |
| Vector:       | pMirTarget (PS100062)                           |
| Symbol:       | SAMD9   |
| Synonyms:     | C7orf5; DRIF1; M7MLS2; MIRAGE; NFTC; OEF1; OEF2 |
| ACCN:         | NM_017654                                       |
| Insert Size:  | 1840 bp   |



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**Insert Sequence:** >SC216643 3'UTR clone of NM\_017654  
The sequence shown below is from the reference sequence of NM\_017654. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCACTTGCTTATGACATTGAAATTGTTAAGAGCCTGATATTCTTCTCCAAGAATTTGATCTCAGTAC
CCATTTAATTTTTTGGACTCAAGATCTATGCTTTAAACCGCAAGGTTATAGATACAGCCTCTAGCTC
TTCAGATCTGTACATGCAGTATTTAATTTCTCTTAAACATGTTATGAGTTCTACAAAGACAATAGTGA
AAAAGGAAGGAGTGAGATATATGAAAAGTAGCAAAATATGTTCTTGGTTTGGTTAACATCATTGATGAC
AAAATAAAGGAGCTATGACTGGAGTCAGGAGAAGTTAGTGAATAAGCTGGCTACACAGAACCCAC
TACTTACCAGGCATGGATTGAAGAAGATTGTCTACTCAAATGGCATTAGACATTAGAATGTCTGGGAA
AATATTTCTCAAAGACAGCAAAAACCTCTCAAACCTGAGGAGCAACATTTATTCTTACTAAGCAGATCAT
CAATGTATCATGTGCTTGGCACTCAAGGATCTTCCAAAACAGAGGACCAACCAGTCTTCTGAAGGTCAT
GCCACAGAAAGTATCAGACCTTACCAAAGTAGGTTGGAGAATTAGATTGCCTTTTCATGCAGTGAGAT
TCAGTTAAGCAAAAATGAAATTTGTCTCTATAGCTAATTAGCTTATCAAACCTCCCTCCAAAACAAAACAT
TAAAAAAAACATACAGACACTCAAATTCACAAGCTAATGAACAAAAGGGACTCTTGTGAGAAGACT
AATGAGTCCCTCATCCAGAAGATGCCAATGACTGGCAGATTAACATACAACCTATGTTTTGAACAAAA
ACAACCAGCGATACGTAATCAAATGTAATTTCCCTAATAAAATATGGATATGGGCAGTCATCAAT
GGCTGCCAAAACCATTAAGTGGAAAGCTGATTAACAAAACAAAATTTCTAATGGATTTATCAAACGTGTC
CCAAATCTGATAAATATTAACATCACAGAGGAAGACCAGACATTATGGGCCTGGAAGTACTATAGGAG
TGCACACATCACCCGTGACATGGTCTTGCCAAATAATTAACCTGAATTTGATCAGTCTCTGGATCTT
ATTTGCAATTCAAAAGAAATTTTAAAAAATCCTACTAACACCACACAATATGCAATCAGCAATATC
CAGAAAGGGGAAATTCACAGGACAAAAACCTGGTTTTCTTTTTGGTTTCTTCAACCAAAAAGAAAGA
AATTGCAAAGGACCAAAAAATGTTGGGAATCTATACATTATAAGGGACTTAACAACATAAGGGCAAC
ATATAGACTTTAGATCCTAATTTGAGCAAAATCTAAAATCAATTATTAGGCAATCAGAAAAATTTGAAC
ACAGACTAGATATTTAGGATATTAAGTACTATATTATTGAAGATCCATGGTTATGTTTTTAAAGA
GTTTCATGCCTTTAGAGATACATACTAAAGTATTTGTAATAAATGACATGATCTAGAATCAGTAATTT
TGTGTTTGGGGTGTGGGGTGGTAAAAGGGAAGTAGAACCGAAACAAGATTAGTCTGAGTTAACAATG
GCTGCAAGCTGGATACATGGAATTCAGCACACTTTTCTCCTCTTACTGATTATGCTTTTGAATTTTC
TCTTGTA AACATTTAGAAAACAAAAACAAAAAATGTATTTGTTTCTGTCTTCAAAATCTCATTAG
AATTTTTTCACTGGAGGAAGATTTCCCTTGTCTGCATAAAATTTAACTCCATAACTTATAAGCTC
ACTCTTTATTGTTACTTTCTAATTGACAAAATAAAATTTGTATATTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_017654.4](#)

**Summary:** This gene encodes a sterile alpha motif domain-containing protein. The encoded protein localizes to the cytoplasm and may play a role in regulating cell proliferation and apoptosis. Mutations in this gene are the cause of normophosphatemic familial tumoral calcinosis. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Jul 2010]

**Locus ID:** 54809

**MW:** 72