

## Product datasheet for **SC200345**

### **DMAP1 (NM\_001034024) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	DMAP1 (NM_001034024) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DMAP1
Synonyms:	DNMAP1; DNMTAP1; EAF2; MEAF2; SWC4
ACCN:	NM_001034024
Insert Size:	85 bp
Insert Sequence:	>SC200345 3'UTR clone of NM_001034024 The sequence shown below is from the reference sequence of NM_001034024. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TCTTCCGTGAAGAAAGCCAAGAAGCCGTGAGAGGCCACGGGGTGTGGCGACGCTGTTATGTAATA GAGCTGCTGAGTTGGA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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:	<a href="#">NM_001034024.2</a>



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**Summary:**

This gene encodes a subunit of several, distinct complexes involved in the repression or activation of transcription. The encoded protein can independently repress transcription and is targeted to replication foci throughout S phase by interacting directly with the N-terminus of DNA methyltransferase 1. During late S phase, histone deacetylase 2 is added to this complex, providing a means to deacetylate histones in transcriptionally inactive heterochromatin following replication. The encoded protein is also a component of the nucleosome acetyltransferase of H4 complex and interacts with the transcriptional corepressor tumor susceptibility gene 101 and the pro-apoptotic death-associated protein 6, among others. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq, Jul 2008]

**Locus ID:**

55929

**MW:**

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