

Product datasheet for **SC112594**

DMAP1 (NM_019100) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DMAP1 (NM_019100) Human Untagged Clone
Tag:	Tag Free
Symbol:	DMAP1
Synonyms:	DNMAP1; DNMTAP1; EAF2; MEAF2; SWC4
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_019100, the custom clone sequence may differ by one or more nucleotides

```
ATGGCTACGGGCGGGATGTACGGGACATTCTAGAACTCGGGGTCCAGAAGGGGATGCAGCCTCTGGGA
CCATCAGCAAGAAGGACATTATCAACCCGGACAAGAAAAATCCAAGAAGTCCTCTGAGACTGACTTT
CAAGAGGCCCGAGGGCATGCACCGGAAGTCTATGCCTTGCTCTACTCTGACAAGAAGGATGCACCCCA
CTGCTACCCAGTGACTGGCCAGGATACCGTACAGTGAAGGCCAAGTTGGGCTCCAAGAAGGTGCGGC
CTTGGAAGTGGATGCCATTCACCAACCCGGCCCGCAAGGACGGAGCAATGTTCTTCCACTGGCGACGTGC
AGCGGAGGAGGGCAAGGACTACCCCTTTGCCAGGTTCAATAAGACTGTGCAGGTGCCTGTACTCGGAG
CAGGAGTACCAGCTTTATCTCCACGATGATGCTTGGACTAAGGCAGAACTGACCACCTCTTTGACCTCA
GCCGCCGCTTTGACCTGCGTTTTGTTGTTATCCATGACCGGTATGACCACCAGCAGTTCAAGAAGCGTTC
TGTGGAAGACCTGAAGGAGCGGTACTACCACATCTGTGCTAAGCTTGCCAACGTGCGGGCTGTGCCAGGC
ACAGACCTTAAGATACCAGTATTTGATGCTGGGCACGAACGACGGCGGAAGGAACAGCTTGAGCGTCTCT
ACAACCGGACCCAGAGCAGGTGGCAGAGGAGGAGTACCTGCTACAGGAGCTGCGCAAGATTGAGGCCCG
GAAGAAGGAGCGGGAGAAACGCAGCCAGGACCTGCAGAAGCTGATCACAGCGGCAGACACCACTGCAGAG
CAGCGGGCACGGAACGCAAGGCCCCAAAAAGAAGCTACCCAGAAAAAGGAGGCTGAGAAGCCGGCTG
TTCCTGAGACTGCAGGCATCAAGTTTCCAGACTTCAAGTCTGCAGGTGTCACGCTGCGGAGCCAACGGAT
GAAGCTGCCAAGCTCTGTGGGACAGAAGAAGATCAAGGCCTGGAACAGATGCTGCTGGAGCTTGGTGTG
GAGCTGAGCCCGACACCTACGGAGGAGCTGGTGCACATGTTCAATGAGCTGCGAAGCGACCTGGTGTGC
TCTACGAGCTCAAGCAGGCTGTGCCAAGTGCAGTATGAGCTGCAGATGCTGCGGCACCGTCATGAGGC
ACTGGCCCGGGCTGGTGTGCTAGGGGGCCCTGCCACACCAGCATCAGGCCAGGCCCGCCCTCTGCTGAG
CCGGCAGTGACTGAACCCGGACTTGGTCTGACCCCAAGGACACCATCATTGATGTGGTGGGCGCACCC
TCACGCCCAATTCGAGAAAGCGACGGGAGTCGGCCTCCAGCTCATCTCCGTGAAGAAAGCCAAGAAGCC
GTGA
```



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_019100 unedited
 TAGGGCGGCCCGGAATTCGCACGAGGGTTTCTGCCGCGGCTTTGCGGGGACGGGGGAGT
 GGTAGTGGGGGCTGCAGCTGCCGGACCCAGGCACTGACCCCTTGACCTCCGGTGGCTCCCC
 CATCTCTCAGGCGCGATGGCTACGGGCGCGGATGTACGGGACATTCTAGAAGTCCGGGGT
 CCAGAAGGGGATGCAGCCTCTGGGACCATCAGCAAGAAGGACATTATCAACCCGGACAAG
 AAAAAATCCAAGAAGTCTCTGAGACACTGACTTTCAAGAGGCCCGAGGGCATGCACCGG
 GAAGTCTATGCCTTGCTCTACTCTGACAAGAAGCAAGTATTGGAGTCCCAAGTCCCCCAG
 GTTTTGGCCCTGATTCACCTGCCATGCCCTAACTCCTAGTTTTCTCTACTTTCTTAGT
 ATGAACCTGTGGCTTACCTCTCTACAAGTACCAATCCAGAGCAGTGCTTCT
 TCGCATCCAGTCAATTAATAATCTCTTTCTCAATGCCCCACAGGTACCTTACATCAGG
 TAGGTACCCTGAACAGAGCTCATCATCTTCCCTCTGTCTAGTCCCAATCTGTTCCCCATC
 TCAGTGAATGGCACTATCTTCCACCCAGTTGCCCAAACAGAACTTGNNGGATCGTCT
 TGACTTAGTCTTCCCTTAGTCTCACAGTATTTAAATCAACAACAGAACANAGAAGGT
 AGGGGAAAACAACAACAACATGTAAGGAAATAAATTGGAGTCTTCAATAAGAGCCGT
 CAGTAACACGAAACCCAGATTTGAATGGATATGAAATGAGATAAGAAGTGACTTGTAGT
 GTAGGGGAGTCCACCTAGTTGGTCANGGAGGGTT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_019100 unedited
 NCCTTGAGCACTGCAACAGCTCTTTTTACATAACAGCGTCGCCACACCCCGTGGGGCCT
 CTCACGGCTTCTTGGCTTCTTACGGAAGATGAGCTGGAGGCCGACTCCCGTCGCTTTC
 TCGAATTGGGCGTGGGGGTGCGCCACCACATCAATGATGGTGTCTTGGGGTCAAGGAC
 CAAGTCCGGGTTCACTACTGCCGGCTCAGCACAGGCCGGGCTGGGCTGATGTGGT
 TGGCAGGGCCCCAGCACACCAGCCGGGCCAGTGCCTCATGACGGTCCCGCAGCATCT
 GCAGCTCATACTCGAGTTGGCACAGGCTGCTTGAAGTCTGAGAGCAGCACCAGTCCG
 TTCGAGCTCATTGAACATGTGCACCAGCTCCTCCGTAGGTGTCCGGCTCATCTCCACAC
 CAAGTCCAGCAGCATCTGTTCCAGGGCTTGTCTTCTGTTCCACAGAGCTTGGCA
 GCTTCATCCGTTGGCTCTGCAGCGTGACATCTGCCCACTTGAAGCCTGGAACCTTGATGC
 CTGCAGCCTCATGAACACCCTGTTCCCTACCCTCCTTTTTCTGGGGCACCTTCTTCCGC
 CGGCCTTGCTTCCCCGCCCCCTGCCCTGCCATGGTGTGGCGTTGGATAAGCTTCT
 ATAGGACACGTCCGCGCTTCTCCACTTCTTTCCGGCCTTCCATTTGCCCCATCCCC
 TGTCTAACGCCTCCCCCTTTTACCCTTTGCNGATCTGTCTTAACTCCTCCTATC
 TCTTTTCTCCTTGCCTTTTCCCCCCCCCTAACTGGTCTCCTAACCTCCTCCCCG
 CCACCTCTCTCGTTGCCCTTTCCCCAATTCTGCTTACCCTCCCTTGCCTTTTTCT
 CCACTATGTTCTAGCTCTCCTCTGCACCTATTT

Restriction Sites:

NotI-NotI

ACCN:

NM_019100

Insert Size:

4700 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_019100.3 , NP_061973.1
RefSeq Size:	1739 bp
RefSeq ORF:	1404 bp
Locus ID:	55929
UniProt ID:	Q9NPF5
Cytogenetics:	1p34.1
Protein Families:	Transcription Factors
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, and 3 encode the same protein.</p>