

Product datasheet for **SC324379**

DMAP1 (NM_001034024) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DMAP1 (NM_001034024) Human Untagged Clone
Tag:	Tag Free
Symbol:	DMAP1
Synonyms:	DNMAP1; DNMTAP1; EAF2; MEAF2; SWC4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001034024.1
 AGTTTCTGCCGCGGCTTTGCGGGGACGGGGGAGTGGTAGTGGGGGCTGCAGCTGCCGGAC
 CCAGGCGCGATGGCTACGGGCGCGGATGTACGGGACATTCTAGAACTCGGGGTCCAGAA
 GGGGATGCAGCCTCTGGGACCATCAGCAAGAAGGACATTATCAACCCGGACAAGAAAAA
 TCCAAGAAGTCTCTGAGACACTGACTTTCAAGAGGCCGAGGGCATGCACCGGGAAGTC
 TATGCCTTGCTCTACTCTGACAAGAAGGATGCACCCCACTGCTACCCAGTGACACTGGC
 CAGGGATACCGTACAGTGAAGGCAAGTTGGGCTCCAAGAAGGTGCGGCCTTGGAAAGTGG
 ATGCCATTCAACCAACCCGCGCCGCAAGGACGGAGCAATGTTCTTCCACTGGCGACGTGCA
 GCGGAGGAGGGCAAGGACTACCCCTTTGCCAGTTCAATAAGACTGTGCAGGTGCCTGTG
 TACTCGGAGCAGGAGTACCAGCTTTATCTCCACGATGATGCTTGGACTAAGGCAGAACT
 GACCACCTCTTTGACCTCAGCCGCGCTTTGACCTGCGTTTTGTTGTTATCCATGACCGG
 TATGACCACCAGCAGTTCAAGAAGCGTTCTGTGGAAGACCTGAAGGAGCGGTACTACCAC
 ATCTGTGCTAAGCTTGCCAACGTGCGGGCTGTGCCAGGCACAGACCTTAAGATACCAGTA
 TTTGATGCTGGGCACGAACGACGGCGGAAGGAACAGCTTGAGCGTCTCTACAACCGGACC
 CCAGAGCAGGTGGCAGAGGAGGAGTACCTGCTACAGGAGCTGCGCAAGATTGAGGCCCGG
 AAGAAGGAGCGGGAGAAAACGCAGCCAGGACCTGCAAGAAGCTGATCACAGCGGCAGACACC
 ACTGCAGAGCAGCGGCGCACGGAACGCAAGGCCCCCAAAAAGAAGCTACCCAGAAAAAG
 GAGGCTGAGAAGCCGGCTGTTCTGAGACTGCAGGCATCAAGTTTCCAGACTTCAAGTCT
 GCAGGTGTACGCTGCGGAGCCAACGGATGAAGCTGCCAAGCTCTGTGGGACAGAAGAAG
 ATCAAGGCCCTGGAACAGATGCTGCTGGAGCTTGGTGTGGAGCTGAGCCCGACACCTACG
 GAGGAGCTGGTGCACATGTTCAATGAGCTGCGAAGCGACCTGGTGTGCTCTACGAGTC
 AAGCAGCCTGTGCCAACTGCGAGTATGAGCTGCAGATGCTGCGGCACCGTCATGAGGCA
 CTGGCCCGGGCTGGTGTGCTAGGGGGCCCTGCCACACCAGCATCAGGCCAGGCCCGGCA
 TCTGCTGAGCCGCGAGTACTGAACCCGACTTGGTCTGACCCCAAGGACACCATCATT
 GATGTGGTGGGCGCACCCCTCACGCCAATTCGAGAAAGCGACGGGAGTGGCCTCCAGC
 TCATCTCCGTGAAGAAAGCCAAGAAGCCGTGAGAGGCCCCACGGGGTGTGGGCGACGCT
 GTTACGTAATAGAGCTGCTGAGTTGGACCAGGCACAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_001034024
- 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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_001034024.1 , NP_001029196.1
RefSeq Size:	1563 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 (3) differs in the 5' UTR, compared to variant 1. Variants 1, 2, and 3 encode the same protein.</p>