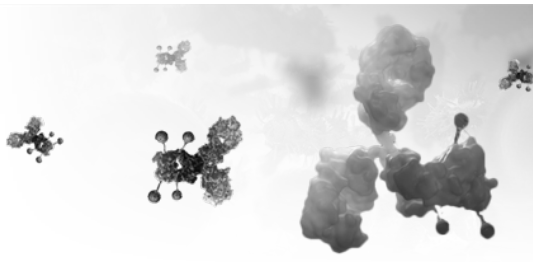

Human DMAP1 peptide (DAG-P1515)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	DMAP1 DNA methyltransferase 1 associated protein 1 [Homo sapiens (human)]
Official Symbol	DMAP1
Synonyms	DMAP1; DNA methyltransferase 1 associated protein 1; EAF2; SWC4; MEAF2; DNMAP1; DNMTAP1; DNA methyltransferase 1-associated protein 1; DNMT1 associated protein 1; DNMT1-associated protein 1;

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Entrez Gene ID	55929
mRNA Refseq	NM_001034023.1
Protein Refseq	NP_001029195.1
UniProt ID	Q9NPF5
Chromosome Location	1p34
Pathway	Chromatin modifying enzymes, organism-specific biosystem; Chromatin organization, organism-specific biosystem; HATs acetylate histones, organism-specific biosystem;
Function	RNA polymerase II repressing transcription factor binding; chromatin binding; protein binding; transcription corepressor activity;

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