

## Product datasheet for **TP507480**

### Dmap1 (NM\_023178) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse DNA methyltransferase 1-associated protein 1 (Dmap1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207480 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MATGADV RDILELGGPEGDAASGTISKKDIINPDKKKSKKSETLTFKRPEGMHREVVALLYSDKKDAPP  
LLPSDTGQGYRTVKAKLGSKKVRPWKWPFTNPARKDGAMFFHWRRAAEEGKDYPFARFNKTVQVPVYSE  
QEYQLYLHDDAWTKAETDHLFDLSRRFDLRFVVIH DRYDHQQFKRSVEDLKERYHICAKLANVRAVPG  
TDLKIPVFDAGHERRRKEQLERLYNRTPEQVAEEYLLQELRKIEARKKERESQDLQKLITAADTTAE  
QRRTERKAPKKKLPQKKEAEKPAVPETAGIKFPDFKSAGVTLRSQRMKLPSSVGQKKIKALEQMELLEGV  
ELSPTPTEELVHMFNELRSDLVLLYELKQACANCEYELQMLRHRHEALARAGVLGAPAAA AVGPTPASAE  
PTVSESGGLDPTKDTIIDVVGAPLTPNSRKRRESASSSSSVKKAKKP

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	53.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_075667</a>
Locus ID:	66233



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UniProt ID:	<a href="#">Q9J144</a>
RefSeq Size:	1543
Cytogenetics:	4 D2.1
RefSeq ORF:	1407
Synonyms:	1500016M21Rik; Dmtap1; DNMAP1; DNMTAP1; mKIAA1425
Summary:	<p>Involved in transcription repression and activation. Its interaction with HDAC2 may provide a mechanism for histone deacetylation in heterochromatin following replication of DNA at late firing origins. Can also repress transcription independently of histone deacetylase activity. May specifically potentiate DAXX-mediated repression of glucocorticoid receptor-dependent transcription. Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage. Participates in the nuclear localization of URI1 and increases its transcriptional corepressor activity (By similarity). [UniProtKB/Swiss-Prot Function]</p>