



# Recombinant Human DNA methyltransferase 1-associated protein 1 (DMAP1)

<b>Product Code</b>	CSB-YP873611HU
<b>Abbreviation</b>	DMAP1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9NPF5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MATGADV RDI LELGGPEGDA ASGTISKKDI INPDKKKSKK SSETLTFKRP EGMHRE VYAL LYSDKKDAPP LLPSDTGQGY RTVKAKLGSK KVRPWK WMPF TNPARKDGAM FFHWRRAAEE GKDYPFARFN KTVQVPVYSE QEYQLYLHDD AWTKAETDHL FDLSRRFDLR FVVIH DRYDH QQFKKRSVED LKERY YHICA KLANVRA VPG TDLKIPV FDA GHERRRKEQL ERLYNRTPEQ VAE E EYLLQE LRKIEARKKE REKRSQDLQK LITAADTTAE QRRTERKAPK KKL P QKKEAE KPAVPETAGI KFPDFKSAGV TLR SQRMKLP SSVGQKKIKA LEQMLLELGV ELSPTTEEL VHM FNELRSD LVLLYELKQA CANCEYELQM LRHRHEALAR AGVLGGPATP ASGPGPASAE PAVTEPGLGP DPKDTIIDVV GAPLTPNSRK RRESASSSSS VKKAKKP
<b>Source</b>	Yeast
<b>Target Names</b>	DMAP1
<b>Protein Names</b>	Recommended name: DNA methyltransferase 1-associated protein 1 Short name= DNMAP1 Short name= DNMT1-associated protein 1
<b>Expression Region</b>	1-467
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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