



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

<b>Product Code</b>	CSB-EP873611HU-B
<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 INPDKKSKK SSETLTFKRP EGMHRE VYAL LYSDKKDAPP LLPSDTGQGY RTVKAKLGSK KVRPWKWMPF TNPARKDGAM FFHWRRAAEE GKDYPFARFN KTVQVPVYSE QEYQLYLHDD AWTKAETDHL FDLRRFDLR FVVIH DRYDH QQFKKRSVED LKERY YHICA KLANVRAVPG TDLKIPV FDA GHERRRKEQL ERLYNRTPEQ VAE E EYLLQE LRKIEARKKE REKRSQDLQK LITAADTTAE QRRTERKAPK KKLPQKKEAE KPAVPETAGI KFPDFKSAGV TLR SQRMKLP SSVGQKKIKA LEQMLLELGV ELSPTPTEEL VHM FNELRSD LVLLYELKQA CANCEYELQM LRHRHEALAR AGVLGGPATP ASGPGPASAE PAVTEPGLGP DPKDTIIDVV GAPLTPNSRK RRESASSSSS VKKAKKP
<b>Source</b>	E.coli
<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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