



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

Product Code	CSB-EP873611HU-B
Abbreviation	DMAP1
Storage	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.
Uniprot No.	Q9NPF5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MATGADV RDI LELGGPEGDA ASGTISKKDI INPDKKKSKK SSETLTFKRP EGMHREYVAL LYSDKKDAPP LLPSDTGQGY RTVKAKLGSK KVRPWKWMPF TNPARKDGAM FFHWRRAAEE GKDYPFARFN KTVQVPVYSE QEYQLYLHDD AWTKAETDHL FDLSRRFDLR FVVIH DRYDH QQFKKRSVED LKERYYHICA KLANVRAVPG TDLKIPVFDA GHERRRKEQL ERLYNRTPEQ VAE E EYLLQE LRKIEARKKE REKRSQDLQK LITAADTTAE QRRTERKAPK KKLPQKKEAE KPAVPETAGI KFPDFKSAGV TLR SQRMKLP SSVGQKKIKA LEQMLLELGV ELSPTTEEL VHM FNELRSD LVLLYELKQA CANCEYELQM LRHRHEALAR AGVLGGPATP ASGPGPASAE PAVTEPGLGP DPKDTIIDVV GAPLTPNSRK RRESASSSSS VKKAKKP
Source	E.coli
Target Names	DMAP1
Protein Names	Recommended name: DNA methyltransferase 1-associated protein 1 Short name= DNMAP1 Short name= DNMT1-associated protein 1
Expression Region	1-467
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

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.

Shelf Life

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