

Product datasheet for PH322239

DMAP1 (NM_019100) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DMAP1 MS Standard C13 and N15-labeled recombinant protein (NP_061973)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222239
Predicted MW:	53 kDa
Protein Sequence:	>RC222239 protein sequence Red=Cloning site Green=Tags(s)

MATGADVDRDILELGGPEGDAASGTISKKDIINPDKKKSKKSSSETLTFKRPEGMHREYVYALLYSDKKDAPP
LLPSDTGQGYRTVKAKLGSKKVWPWKWMPFTNPARKDGAMFFHWRAAEEGKDYPFARFNKTVQVPVYSE
QEYQLYLHDDAWTKAETDHLFDLSRRFDLRFVVIHDRYDHQQFKRSVEDLKERYYHICAKLANVRAVPG
TDLKIPVFDAGHERRRKEQLERLYNRTPEQVAEEEEYLLQELRKIEARKKEREKRSQDLQKLITAADTTAE
QRRTERKAPKKLPQKKEAEKPAVPETAGIKFPDFKSAGVTLRSQRMKLPSSVGQKKIKALEQMLLELGV
ELSPTPTEELVHMFNLRSDLVLLYELKQACANCEYELQMLRHRHEALARAGVLGGPATPASGPGPASAE
PAVTEPGLGDPKDTIIDVVGAPLTPNSRKRRESASSSSSVKKAKKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_061973</u>
RefSeq Size:	1784
RefSeq ORF:	1401
Synonyms:	DNMAP1; DNMTAP1; EAF2; MEAF2; SWC4



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Locus ID: 55929

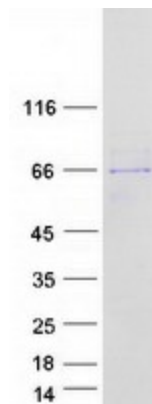
UniProt ID: [Q9NPF5](#)

Cytogenetics: 1p34.1

Summary: 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]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified DMAP1 protein (Cat# [TP322239]). The protein was produced from HEK293T cells transfected with DMAP1 cDNA clone (Cat# [RC222239]) using MegaTran 2.0 (Cat# [TT210002]).