

Product datasheet for **TP506697**

Dnmt3l (NM_019448) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse DNA (cytosine-5-)-methyltransferase 3-like (Dnmt3l), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206697 protein sequence Red =Cloning site Green =Tags(s)
	 MGSRETPSSCSKTLETLDLETSDSSSPDADSPLEEQWLKSSPALKEDSVDVLEDCKEPLSPSSPPTGRE MIRYEVKVNRRSIEDICLCCGTLQVYTRHPLFEGGLCAPCKDKFLESFLYDDDGHQSYCTICCSGGTLF ICESPDCTRCYCFEVDILVGPPTSERINAMACWVCFCLPFSRSGLLQRRKRWRHQLKAFHDQEGAGPM EIYKTVSAWKRQPVRVLSLFRNIDKVLKSLGFLESGSGGGTLKYVEDVTNVVRRDVEKWGPFDLVYGS TQPLGSSCDRCPGWYMFQFHRILQYALPRQESQRPFFWIFMDNLLLTEDDQETTTRFLQTEAVTLQDVRG RDYQNAMRVWSNIPGLKSKHAPLTPKEEYLQAQVRSRSLDAPKVDLLVKNCLLPLREYFKYFSQNSLP L TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	48 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:	NP_062321
Locus ID:	54427



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UniProt ID: [Q9CWR8](#), [A3EWM2](#)

RefSeq Size: 1685

Cytogenetics: 10 39.72 cM

RefSeq ORF: 1266

Synonyms: D6Ertd14; D6Ertd14e; ecat; ecat7

Summary: CpG methylation is an epigenetic modification that is important for embryonic development, imprinting, and X-chromosome inactivation. Studies in mice have demonstrated that DNA methylation is required for mammalian development. This gene encodes a nuclear protein that is a catalytically inactive regulatory factor of DNA methyltransferases. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]