

Product datasheet for TP525598

Dnmt3b (NM_001003961) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse DNA methyltransferase 3B (Dnmt3b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225598 representing NM_001003961 Red =Cloning site Green =Tags(s)
	<p>MKGDSRHLNEEEGASGYEECIIVNGNFSDQSSDTKDAPSPPVLEAICTEPVCTPETRGRSSSRLSKREV SSLLNYTQDMTGDGDRDDEVDDGNGSDILMPKLTRETkdTRTRSESPAVRTRHSNGTSSLERQRASPRIT RGRQGRHHVQEYPVEFPATRSRRRRASSASTPWSSPASVDFMEEVTPKSVSTPSVDLSQDGDQEGMDTT QVDAESRDGDSTHEYQDDKEFGIGDLVWGKIKGFSWWPAMVVSWKATSKRQAMPGMRWWQWFGDGKFSEIS ADKLVALGLFSQHFNLFATFNKLVSYRKAMYHTLEKARVRAGKTFSSSPGESLEDQLKPMLEWAHGGFKPT GIEGLKPNKKQPVWNKSKVRRSDSRNLEPRRRRENKSRRTTNDSSAASESPPPRLKNTSYGGKDRGEDEE SRERMASEVTNKNLEDRCLSCGKKNPVSFHPLFEGGLCQSCRDRFLELFMYDEDGYQSYCTVCCCEGR ELLLCSNTSCRCFCVECLEVLVGAGTAEDAKLQEPWSCYMCLPQRCHGVLRRRKDWNMRLQDFFTTDPD LEEFEPKLYPAIPAAKRRPIRVLSLFDGIATGYLVKELGIKVEKYIASEVCAESIAVGTVKHEGQIKY VNDVRKITKKNIEEWGPFDLVIGGSPCNDLSNVNPARKGLYEGTGRLFFEFYHLLNYTRPKEGDNRPFWW MFENVVAMKVNDDKDISRFLACNPVMIDAIVSAAHRARYFWGNLPGMNRPMASKNDKLELQDCLEFSR TAKLKKVQTITTKSNSIRQGNQLFPVVMNGKDDVLWCTELERIFGFPAHYTDVSNMGRGARQKLLGRSW SVPVIRHLFAPLKDYFACE</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	97.7 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.



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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_001003961
Locus ID:	13436
UniProt ID:	O88509 , Q3KR45
RefSeq Size:	4327
Cytogenetics:	2 H1
RefSeq ORF:	2577
Synonyms:	MmullIB
Summary:	This is one of two related genes encoding de novo DNA methyltransferases, which are responsible for the establishment of DNA methylation patterns in embryos. Loss of function of this gene results in severe developmental defects and loss of viability. Mutation of the related gene in humans causes immunodeficiency-centromeric instability-facial anomalies (ICF) syndrome. There is a pseudogene for this gene located adjacent to this gene in the same region of chromosome 2. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Nov 2012]