

Product datasheet for **MR206697**

Dnmt3l (NM_019448) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnmt3l (NM_019448) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dnmt3l
Synonyms:	D6Ertd14; D6Ertd14e; ecat; ecat7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR206697 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGTTCCCGGGAGACACCTTCTTCTGTCTAAGACCTTGAACCTTGGACCTGGAGACTTCCGACA
 GCTCTAGCCCTGATGCTGACAGTCTCTGGAAGAGCAATGGCTGAAATCCTCCCCAGCCCTGAAGGAGGA
 CAGTGTGGATGTGGTACTGGAAGACTGCAAGAGCCTCTGTCCCCCTCCTCGCCTCCGACAGGCAGAGAG
 ATGATCAGGTACGAAGTCAAAGTGAACCGACGGAGCATTGAAGACATCTGCCTCTGCTGTGGAACCTCC
 AGGTGTACTACTCGGCACCCCTTGTGTTGAGGGAGGGTTATGTGCCCATGTAAGGATAAGTTCCTGGAGTC
 CCTCTTCTGTATGATGATGATGGACACCAGATTACTGCACCATCTGCTGTTCCGGGGTACCCTGTTC
 ATCTGTGAGAGCCCCGACTGTACCAGATGCTACTGTTTCGAGTGTGTGGACATCCTGGTGGGCCCCGGGA
 CCTCAGAGAGGATCAATGCCATGGCCTGCTGGGTTTGCTTCTGTGCCTGCCCTTCTCACGGAGTGGACT
 GCTGCAGAGGCGCAAGAGGTGGCGGCACCAGCTGAAGGCCTTCCATGATCAAGAGGGAGCGGCCCTATG
 GAGATATACAAGACAGTGTCTGCATGGAAGAGACAGCCAGTGCGGTACTGAGCCTTTTTAGAAATATTG
 ATAAAGTACTAAAGAGTTTGGGCTTTTTGGAAAGCGGTTCTGTTTCTGGGGGAGGAACGCTGAAAGTACGT
 GGAAGATGTCACAAATGTCGTGAGGAGAGACGTGGAGAAATGGGGCCCTTTGACCTGGTGTACGGCTCG
 ACGCAGCCCTAGGCAGCTTTGTGATCGCTGTCCCGGCTGGTACATGTTCCAGTTCACCCGGATCCTGC
 AGTATGCGCTGCCTCGCCAGGAGAGTACGCGGCCCTTCTTCTGGATTCATGGACAATCTGCTGCTGAC
 TGAGGATGACCAAGAGACAACACTACCCGCTTCTTCTCAGACAGGGCTGTGACCCTCCAGGATGTCCGTGGC
 AGAGACTACCAGAATGCTATGCGGGTGTGGAGCAACATTCCAGGGCTGAAGAGCAAGCATGCGCCCTGA
 CCCCAGGAAGAAGAGTATCTGCAAGCCCAAGTCAGAAGCAGGAGCAAGCTGGACGCCCCGAAAGTTGA
 CCTCTGGTGAAGAACTGCCTTCTCCCGCTGAGAGAGTACTTCAAGTATTTTTCCAAAACACTCACTTCT
 CTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR206697 protein sequence
 Red=Cloning site Green=Tags(s)

MGSRETPSSCSKTLETLDLETSDSSSPDADSPLEEQWLKSSPALKEDSVVLEDCKEPLSPSSPPTGRE
 MIRYEVKVNRRSIEDICLCCGTLQVYTRHPLFEGGLCAPCKDKFLESFLYDDDGHQSYCTICSSGGTLF
 ICESPDCTRCYCFECVDILVPGTSEINAMACWVCFLLPFSSRGLLQRRKRWRHQLKAFHDQEGAGPM
 EIYKTVSAWRQPVRVLSLFRNIDKVLKSLGFLESGSGGGTLKYVEDVTNVVRRDVEKWGPFDLVYGS
 TQPLGSSCDRCPGWYMFQFHRILQYALPRQESQRPFWFIFMDNLLLTEDDQETTRFLQTEAVTLQDVRG
 RDYQNAMRVWSNIPGLKSKHAPLTPKEEYLQAQVRSRSLDAPKVDLLVKNCLLPLREYFKYFSQNSLP
 L

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

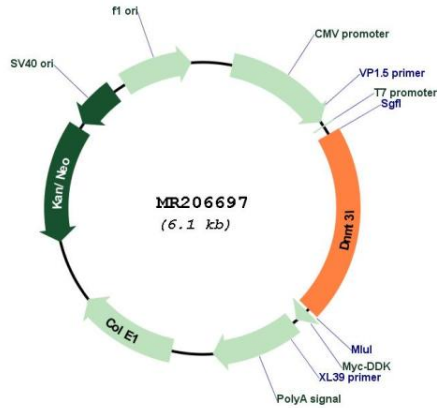
Restriction Sites:

SgfI-MluI

MW: 48 kDa

Gene 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]

Product images:



Circular map for MR206697