

Product datasheet for **SC213901**

DNMT3A (NM_022552) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DNMT3A (NM_022552) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DNMT3A
Synonyms:	DNMT3A2; HESJAS; M.HsaIIIA; TBRS
ACCN:	NM_022552
Insert Size:	2000 bp



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Insert Sequence: >SC213901 3'UTR clone of NM_022552
The sequence shown below is from the reference sequence of NM_022552. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAG**GCGATCGCC**
CCGCTGAAGGAGTATTTTGCCTGTGT**TA**AGGGACATGGGGCAAAGTGGAGTAGCGACACAAGTTAA
ACAAACAAACAAAAACAAAAACATAATAAACAACCAAGAACATGAGGATGGAGAGAAGTATCAGCAC
CCAGAAGAGAAAAAGGAATTTAAAAACAAAAACCAGAGGCCGAAATACCGGAGGGCTTTGCCTTGCGA
AAAGGGTTGGACATCATCTCTGATTTTCAATGTTATTCTTCAGTCTATTTAAAAACAAACCAAGC
TCCCTTCCCTTCCCTTCCCTTCCCTTTTTTTCGGTTCAGACTTTTATTTCTACTCTTTTCAGAGGGG
TTTTCTGTTTGGTTTTGTTTTTCTGCTGTGACTGAAACAAGAAGGTTATTGCAGCAAAATCAGT
AACAAAAATAGTAACAATACCTTGAGAGGAAAGGTTGGAGAGAGGAAAAAGGAAATCTATAGAAA
TCTATATATTGGTGTGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGGTTTTTTTTTTACTATATA
TCTTTTTTTGTTGTCTCTAGCCTGATCAGATAGGAGCACAAGCAGGGGACGAAAGAGAGAGACACTC
AGGCGGCAGCATTCCCTCCCAGCCACTGAGCTGTCGTGCCAGCACCATTCTGGTCCAGCAAAACAGAA
CCCAGTTAGCAGCAGGGAGACGAGAACCACACAAGACATTTTTCTACAGTATTTACAGTGCCTACCA
CACAGGAAACCTTGAAGAAAATCAGTTTCTAGAAGCCGCTGTACCTCTTGTTCAGTTATATATAT
ATGATAGATATGAGATATATATAAAAGGTAAGTACTGTAACTACTGTACAACCCGACTTCATAATGGTGC
TTTCAAACAGCGAGATGAGTAAAAACATCAGCTCCACGTTGCCTTCTGCGCAAAGGGTTTACCAAGG
ATGGAGAAAGGGAGACAGCTTGCAGATGGCCGCTTCTCACGTTGGCTCTTCCCTTGGTTTGAACGA
AGTGAAGGAGGAGAACTTGGGAGCCAGGTCTCCCTGCCAAAAGGGGGCTAGATGAGGTGGTGGGCC
CGTGGACAGCTGAGAGTGGGATTCCAGACTCATGCAATAACCTTTGATTGTTTTCTAAAAGGAGA
CTCCCTCGGCAAGATGGCAGAGGTACGGAGTCTTACGGCCAGTTTCTACTTTAGCCAATTCCAGGG
CTCCTTGTGGTGGATCAGAATAATCCAGAGTGTGGGAAAGTACAGTCAAAACCCACCTGGAGCAA
ATAAAAAACATACAAAACGTAAGTCTGTCTAAGTCGCTTTTGTGTGTTCTTTATGAGG
CCCCACCATCCACCCCTCTGTGACAAGGCGGCTCCCGCCCTGGAATGTGATGTTTTGGTGCATCT
CCAAAGGCTGCAGTTTATACTGGGAGGCTGATGACACTTTTATAAATTATCTTATGGTCTGGT
TATAATTATGTTGTTTTAAGATTTTCTTAAGAAAACAAAAACCCAACACCCTTCCCTTAGGTTTCA
AACCAAGGTGGCGAGCAGGGTCTCTGAGTTAGCGGTGGCTCTGGTGCCTGGCTCCCACCCTCGG
GCCAGGTGGGCCACTGGGCATGGTACAGCTGGCGGCCAGGGAGTCCCAAGGTCTGCCTTCTGGGCT
TGTCACCTTCTTCTACTTCCCTCCTCTTGTGTCGGGTGTCAGGGCTGGAGGGAGGACCGGCCG
TCTCTCCTTGTGTGTGATTGGAGTGGTGTATTTCTTTCTAGTACTTGGTCTGATGATAGCTG
TGCTCTTACCTCGAGTACGACGACCTGGAGCCCAAGTCTCAACACTTGTCTACTTCTACAAGG
CAGGCGGCTGGCGTCAGTAGTAGGAAGGGATGGCATTGTTGGTCCAGGGTGAGGGCCCGACGGCA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_022552.5](#)

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 DNA methyltransferase that is thought to function in de novo methylation, rather than maintenance methylation. The protein localizes to the cytoplasm and nucleus and its expression is developmentally regulated. [provided by RefSeq, Mar 2016]

Locus ID: 1788

MW: 75.8