

## CpG Methyltransferase

Cat. No.:	HY-E70206
CAS No.:	1809633-78-0
Target:	DNA Methyltransferase; Biochemical Assay Reagents
Pathway:	Epigenetics; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

## CpG Methyltransferase

### BIOLOGICAL ACTIVITY

#### Description

CpG Methyltransferase is a DNA methyltransferase. CpG Methyltransferase can methylate the C5 position on the base moiety of all cytosine nucleotides contained in unmethylated or hemimethylated double stranded DNA in a 5'-CpG-3' context<sup>[1]</sup>.

### REFERENCES

[1]. Cherepanova NA, et, al. Mechanism of CpG DNA methyltransferases M.SssI and Dnmt3a studied by DNA containing 2-aminopurine. Nucleosides Nucleotides Nucleic Acids. 2011 Jul-Aug;30(7-8):619-31.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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