

MspI Methyltransferase

Cat. No.:	HY-E70214
Target:	DNA Methyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

MspI Methyltransferase

BIOLOGICAL ACTIVITY

Description

MspI Methyltransferase (MspI), a methyltransferase, recognizes the sequence CCGG and catalyzes the formation of 5-methylcytosine at the first C-residue. MspI Methyltransferase binds to DNA in a sequence-specific manner either alone or in the presence of the normal methyl donor S-adenosyl-L-methionine as well as the analogues, sinefungin and S-adenosyl-L-homocysteine^[1].

REFERENCES

[1]. A K Dubey, et al. Sequence-specific DNA binding by the MspI DNA methyltransferase. *ucleic Acids Res.* 1992 Jun 25;20(12):3167-73.

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

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