

EcoRI Methyltransferase

Cat. No.:	HY-E70209
CAS No.:	81458-00-6
Target:	DNA Methyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

EcoRI Methyltransferase

BIOLOGICAL ACTIVITY

Description

EcoRI Methyltransferase is a bacterial sequence-specific S-adenosyl-L-methionine-dependent DNA methyltransferase. EcoRI Methyltransferase relies on a complex conformational mechanism to achieve its remarkable specificity, including DNA bending, base flipping and intercalation into the DNA^[1].

REFERENCES

[1]. Ben Youngblood, et al. Differential stabilization of reaction intermediates: specificity checkpoints for M.EcoRI revealed by transient fluorescence and fluorescence lifetime studies. *Nucleic Acids Res.* 2008 May;36(9):2917-25.

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

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