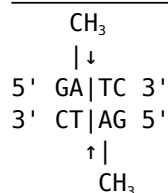


## Type-2 Restriction Enzyme DpnI (DMT) Enzyme

Catalogue No.: abx098137

DMT cuts the sequence GA<sub>m</sub>TC (where A is methylated) but does not cut the sequence GATC (where A is not methylated). This enzyme can cut DNA prepared from the most commonly used *E. coli* strains (dam<sup>+</sup> strain), but does not cut PCR products. This product is suitable for use in *in vitro* site-directed DNA mutagenesis, and degradation of methylated plasmid templates.

### Restriction site:



**Target:** Type-2 Restriction Enzyme DpnI (DMT)

**Storage:** Store at -20°C. Stable for 12 months from date of receipt.

**Biological Activity:** One unit (U) is defined as the amount of enzyme required for completely digesting 1 µg methylated pBR322 DNA at 37 °C (reaction time: 1 h, reaction volume: 50 µl).

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.  
This product is shipped with dry ice.