



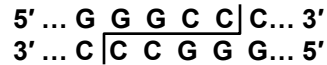
For research use only

ISO9001

## Apa I

Product	Quantity	Cat. No.	Remarks
Apa I	2,500 unit	EBR-1013	10 unit/μl

### Recognition site



### Source

*Acetobacter pasteurianus* sub. *pasteurianus*.

### Reaction Conditions

Buffer 4 + BSA. 20 mM Tris-acetate (pH 7.9), 50 mM potassium acetate, 10 mM magnesium acetate, 1 mM DTT. Supplement with 100 μg/ml BSA. Incubate at 25°C.

### Concentration & Storage Condition

Store at -20°C. 10 unit/μl in 10 mM Tris-HCl (pH 7.5), 50 mM KCl, 1 mM DTT, 0.1 mM EDTA, 200 μg/ml BSA, 50% (v/v) glycerol.

### Heat Inactivation Condition

65°C for 20min.

### Enzyme dilution

Dilute with Storage Buffer.

### QC Tests

Activity, ligation and recutting, exo and endonuclease activity test, SDS-PAGE purity, performance tests.

### Methylase Sensitivity

Blocked by overlapping *dcm* methylation, or overlapping CpG methylation.

Buf4	25°C	65°C	dcm	BW
<small>BUFFER</small>	<small>REACTION</small>	<small>INACTIVATION</small>	<small>METHYL BLOCK</small>	<small>BLUE/WHITE</small>

Buffer	1	2	3	4
Activity	25	50	0	100



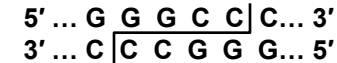
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