



For research use only

ISO9001

## Apo I

Product	Quantity	Cat. No.	Remarks
Apo I	500 unit	EBR-1203	10 unit/μl

### Recognition site



### Source

*Athrobacter protophormiae*.

### Reaction Conditions

Buffer 3 + BSA. 50 mM Tris-HCl (pH 7.9), 100 mM NaCl, 10 mM MgCl<sub>2</sub>, 1 mM DTT.

Supplement with 100 μg/ml BSA. Incubate at 50°C.

### Concentration & Storage Condition

Store at -20°C. 10 unit/μl in 10 mM Tris-HCl (pH 7.4), 100 mM NaCl, 1 mM DTT, 0.1 mM EDTA, 200 μg/ml BSA, 50% (v/v) glycerol.

### Heat Inactivation Condition

80°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

Not sensitive to *dam*, *dcm* or CpG methylation.

### Note

Incubation at 37°C results in 50% activity.

Buf3	50°C	80°C		BW
<small>BUFFER</small>	<small>REACTION</small>	<small>INACTIVATION</small>	<small>METHYL BLOCK</small>	<small>BLUE/WHITE</small>

<small>Buffer</small>	1	2	3	4
<small>Activity</small>	10	75	100	75



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