

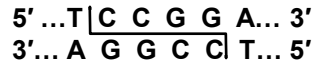


For research use only

ISO9001

Acc III

Product	Quantity	Cat. No.	Remarks
Acc III	250 unit	EBR-1005	5 unit/ μ l

Recognition site**Source***Acinetobacter calcoaceticus.***Reaction Conditions**

Buffer Acc III. 10 mM Tris-HCl (pH8.5), 100 mM sodium chloride, 10 mM magnesium chloride, 1 mM DTT. Incubate at 65°C.

Concentration & Storage Condition

Store at -20°C. 5 unit/ μ l in 10 mM Tris-HCl (pH 7.4), 100 mM KCl, 1 mM DTT, 1 mM EDTA, 200 μ g/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

Blocked by CpG methylation (Cleavage of mammalian genomic DNA is blocked).

Note

Incubate at 37°C results in < 25% activity.

Buf	65°C	80°C	CpG	
<small>BUFFER</small>	<small>REACTION</small>	<small>INACTIVATION</small>	<small>METHYL BLOCK</small>	<small>BLUE/WHITE</small>

Buffer	1	2	3	4
Activity	25	25	0	75

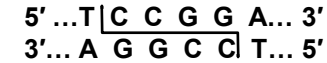


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