



For research use only

ISO9001

Ase I

Product	Quantity	Cat. No.	Remarks
Ase I	2,500 unit	EBR-1017	10 unit/ μ l

Recognition site**Source***Aquaspirillum serpens.***Reaction Conditions**Buffer 3. 50 mM Tris-HCl (pH 7.9), 100 mM NaCl, 10 mM MgCl₂, 1 mM DTT. Incubate at 37°C.**Concentration & Storage Condition**Store at -20°C. 10 unit/ μ l in 10 mM Tris-HCl (pH 7.5), 500 mM KCl, 1 mM DTT, 0.1 mM EDTA, 200 μ g/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 SensitivityNot sensitive to *dam*, *dcm* or CpG methylation.**Note**

Low salt, high glycerol (>5%) concentrations, pH > 8.0 or large excess of enzyme may result in star activity.

Buf3	37°C	65°C		
<small>BUFFER</small>	<small>REACTION</small>	<small>INACTIVATION</small>	<small>METHYL BLOCK</small>	<small>BLUE/WHITE</small>

Buffer	1	2	3	4
Activity	-	75	100	-



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