



For research use only

ISO9001

Bcl I

Product	Quantity	Cat. No.	Remarks
Bcl I	1,000 unit	EBR-1033	10 unit/μl

Recognition site

5' ...T|G A T C A... 3'
3' ...A C T A G|T... 5'

Source*Bacillus caldolyticus.***Reaction Conditions**Buffer 3. 50 mM Tris-HCl (pH 7.9), 100 mM NaCl, 10 mM MgCl₂, 1 mM DTT.

Incubate at 50°C.

Concentration & Storage Condition

Store at -20°C. 10 unit/μl in 10 mM Tris-HCl (pH 7.4), 50 mM KCl, 1 mM DTT,

0.1 mM EDTA, 200 μg/ml BSA, 50% (v/v) glycerol.

Heat Inactivation Condition

No.

Enzyme dilution

Dilute with Storage Buffer.

QC Tests

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

performance tests.

Methylase SensitivityBlocked by *dam* methylation.**Note**

Incubate at 37°C results in 50% activity

Buf3	50°C		dam	
BUFFER	REACTION	INACTIVATION	METHYL BLOCK	BLUE/WHITE

Buffer	1	2	3	4
Activity	50	100	100	75



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