



For research use only

ISO9001

Not I

Product	Quantity	Cat. No.	Remarks
Not I	500 unit	EBR-1103	10 unit/μl

Recognition site

5' ...G C | G G C C G C... 3'
 3'... C G C C G G | C G... 5'

Source*Nocardia otitidis-caviarum.***Reaction Conditions**Buffer 3 + BSA. 50 mM Tris-HCl (pH 7.9), 100 mM NaCl, 10 mM MgCl₂, 1 mM DTT.

Supplement with 100 μg/ml BSA. Incubate at 37°C.

Concentration & Storage Condition

Store at -20°C. 10 unit/μl in 20 mM Tris-HCl (pH 7.4), 200 mM NaCl, 1 mM DTT, 0.1 mM EDTA, 200 μg/ml BSA, 50% (v/v) glycerol, 0.15% Triton X-100.

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

Note

Supercoiled plasmids may required up to 5 folds more Not I for complete digestion than linear DNAs.

Buf3	37°C	65°C	CpG	
BUFFER	REACTION	INACTIVATION	METHYL BLOCK	BLUE/WHITE

Buffer	1	2	3	4
Activity	0	50	100	25



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