



For research use only

ISO9001

EcoRI

Product	Quantity	Cat. No.	Remarks
EcoRI	10,000 unit	EBR-1055	20 unit/μl

Recognition site

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

Source

E. coli RY13.

Reaction Conditions

Buffer EcoR I. 100 mM Tris-HCl (pH 7.5), 50 mM sodium chloride, 10 mM magnesium chloride, 0.025% Triton X-100. Incubate at 37°C.

Concentration & Storage Condition

Store at -20°C. 20 unit/μl in 10 mM Tris-HCl (pH 7.5), 100 mM KCl, 1 mM DTT, 0.1 mM EDTA, 200 μg/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 Sensitivity

Impaired by overlapping CpG methylation.

Buf

BUFFER

37°C

REACTION

65°C

INACTIVATION

CpG

METHYL BLOCK

BW

BLUE/WHITE

Buffer	1	2	3	4
Activity	10	100	0	100



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