



For research use only

ISO9001

Xba I

Product	Quantity	Cat. No.	Remarks
Xba I	5,000 unit	EBR-1147	10 unit/μl

Recognition site

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

Source

Xanthomonas badrii.

Reaction Conditions

Buffer 4 + BSA. 20 mM Tris-acetate (pH 7.9), 50 mM potassium acetate, 10 mM magnesium acetate, 1 mM DTT. Supplement with 100 μg/ml BSA. Incubate at 37°C.

Concentration & Storage Condition

Store at -20°C. 10 unit/μl in 10 mM Tris-HCl (pH 7.5), 50 mM NaCl, 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

Blocked by overlapping *dam* methylation.

Buf4	37°C	65°C	dam	BW
BUFFER	REACTION	INACTIVATION	METHYL BLOCK	BLUE/WHITE

Buffer	1	2	3	4
Activity	0	100	75	100

(주) 엘피스바이오텍
www.elpisbio.com

(302-854) 123-12 Chunglim-Dong, Seo-Gu, Taejeon, Korea
Tel: +82-42-581-8448, Fax: +82-42-581-8449



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