



For research use only

ISO9001

TthHB8 I

Product	Quantity	Cat. No.	Remarks
TthHB8I	2,500 unit	EBR-1145	10 unit/μl

Recognition site

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

Source*Thermus thermophilus.***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 65°C.

Concentration & Storage Condition

Store at -20°C. 10 unit/μl in 10 mM Tris-HCl (pH 7.5), 300 mM KCl, 1 mM DTT, 0.1 mM EDTA, 500 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 SensitivityNot sensitive to *dam*, *dcm* or CpG methylation.**Note**

Incubation at 37°C results in 10% activity.

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

Buffer	1	2	3	4
Activity	50	75	100	100



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