



For research use only

ISO9001

Sfi I

Product	Quantity	Cat. No.	Remarks
Sfi I	2,500 unit	EBR-1125	10 unit/μl

Recognition site

5' ...GGCCN NNN| NGGCC... 3'
3' ...CCGGN|NNN NCCGG... 5'

Source*Streptomyces fimbriatus.***Reaction Conditions**

Buffer 4. 20 mM Tris-acetate (pH 7.9), 50 mM potassium acetate, 10 mM magnesium acetate, 1 mM DTT. Incubate at 50°C.

Concentration & Storage Condition

Store at -20°C. 10 unit/μl in 20 mM Tris-HCl (pH 7.4), 300 mM NaCl, 5 mM 2-mercaptoethanol, 0.1 mM EDTA, 200 μg/ml BSA, 50% (v/v) glycerol, 0.15% Triton X-100.

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 Sensitivity

Blocked by some combinations of overlapping CpG methylation.

Note

Incubation at 37 results in 10% activity.

Buf4	50°C		CpG	
BUFFER	REACTION	INACTIVATION	METHYL BLOCK	BLUE/WHITE

Buffer	1	2	3	4
Activity	0	100	10	100



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