



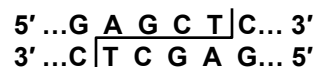
For research use only

ISO9001

Sac I

Product	Quantity	Cat. No.	Remarks
Sac I	2,500 unit	EBR-1115	10 unit/μl

Recognition site



Source

Streptomyces achromogenes.

Reaction Conditions

Buffer 1 + BSA. 10 mM Tris-Cl (pH 7.5), 7 mM magnesium chloride, 50mM KCl, 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 7.4), 100 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

Not sensitive to *dam*, *dcm* or CpG methylation.

Buf1	37°C	65°C		BW
BUFFER	REACTION	INACTIVATION	METHYL BLOCK	BLUE/WHITE

Buffer	1	2	3	4
Activity	100	50	10	100



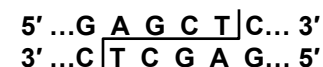
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