



For research use only

ISO9001

Pvu II

Product	Quantity	Cat. No.	Remarks
Pvu II	2,500 unit	EBR-1113	10 unit/μl

Recognition site

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

Source*Proteus vulgaris.***Reaction Conditions**Buffer 2. 10 mM Tris-HCl (pH 7.9), 50 mM NaCl, 10 mM MgCl₂, 1 mM DTT.

Incubate at 37°C

Concentration & Storage Condition

Store at -20°C. 10 unit/μl in 10 mM Tris-HCl (pH 7.4), 300 mM NaCl, 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**

Low salt, high glycerol (>5%) concentrations, pH > 8.0 or large excess of enzyme may result in star activity.

Buf2	37°C			
BUFFER	REACTION	INACTIVATION	METHYL BLOCK	BLUE/WHITE

Buffer	1	2	3	4
Activity	100	100	100	100



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