



For research use only

ISO9001

Mbo II

Product	Quantity	Cat. No.	Remarks
Mbo II	250 unit	EBR-1087	10 unit/μl

Recognition site**Source***Moraxella bovis.***Reaction Conditions**

Buffer 4. 20 mM Tris-acetate (pH 7.9), 50 mM potassium acetate, 10 mM magnesium acetate, 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), 250 mM NaCl, 1 mM DTT, 0.1 mM EDTA, 200 μg/ml BSA, 50% (v/v) glycerol, 0.15% Triton X-100.

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 SensitivityNot sensitive to *dcm* or CpG methylation. Blocked by overlapping *dam* methylation.

Buf	37°C	65°C	dam	
<small>BUFFER</small>	<small>REACTION</small>	<small>INACTIVATION</small>	<small>METHYL BLOCK</small>	<small>BLUE/WHITE</small>

Buffer	1	2	3	4
Activity	100	100	50	100



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