



For research use only

ISO9001

**Mbo II**

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

**Recognition site**

5' ...G A A G A (N)<sub>7</sub> N | ... 3'  
 3' ...C T T C T (N)<sub>7</sub> | ... 5'

**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 Sensitivity**Not sensitive to *dcm* or CpG methylation. Blocked by overlapping *dam* methylation.

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

Buffer	1	2	3	4
Activity	100	100	50	100



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