

Mlu I

Product Information Cat ET-1133RE **Recognition Sequence** A↑CGCGT TGCGC ↓ A **Unit Definition** One unit of the enzyme is the amount required to hydrolyze 1 µg of Lambda DNA in 1 hour at 37°C in a total reaction volume of 50 µl. **Reaction Temperature** 37°C **Form** Liquid **Storage Buffer** 10 mM Tris-HCl (pH 7.5); 100 mM NaCl; 0.1 mM EDTA; 7 mM 2-mercaptoethanol; 200 µg/ml BSA; 50% glycerol Ligation After 20-fold overdigestion with enzyme 95% of the DNA fragments can be ligated and recut. Source Micrococcus luteus Assayed on Lambda DNA Working buffer O (50 mM Tris-HCl (pH 7.6 at 25°C); 10 mM MgCl2; 100 mM NaCl; 1 mM DTT.)

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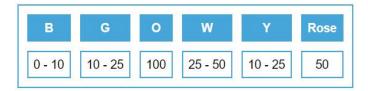
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Non-specific hydrolisis

No nonspecific activity was detected after incubation of 1 μ g of Lambda DNA with 40 u.a. of enzyme for 16 hours at 37°C.

Size

1000U; 5000U

Concentration, u.a./ml

20000

Inactivation

20min Under 65°C

Reagents Supplied

10 X SE-buffer O.

Storage

-20°C

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