

**M13mp18**  
Single-stranded DNA



1-800-632-7799  
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**N4040S**

**10 µg** Lot: **0161412** Exp: **12/16**  
**250 µg/ml** Store at **-20°C**

**Description:** The single-stranded viral DNA is isolated from M13mp18. M13mp18 is a M13 *lac* phage vector which contains single HindIII, SphI, SbfI, PstI, SalI (AccI/ HincII), XbaI, BamHI, SmaI (XmaI), KpnI (Acc65I), SacI and EcoRI sites within the gene encoding β-Galactosidase. This DNA preparation is useful as a standard and has been tested as a template in the dideoxy-nucleotide termination method of sequencing DNA.

**Preparation:** M13mp18 phage is propagated in *E. coli* ER2738. The phage is purified by polyethylene glycol precipitation. The single-stranded DNA is then extracted with phenol.

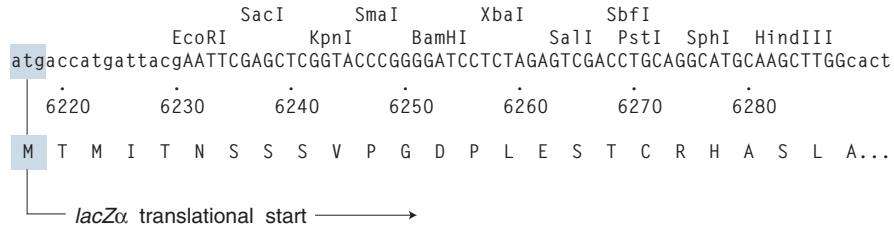
Supplied in: 10 mM Tris-HCl (pH 8.0 @ 25°C), 1 mM EDTA.

**Reference:**

1. Messing, J. (1983) *Methods Enzymol.* 101, 20.



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CERTIFICATE OF ANALYSIS

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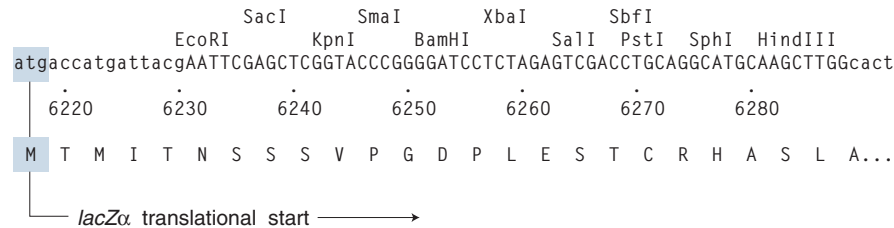
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