M13mp18 Single-stranded DNA

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N4040S 016130815082

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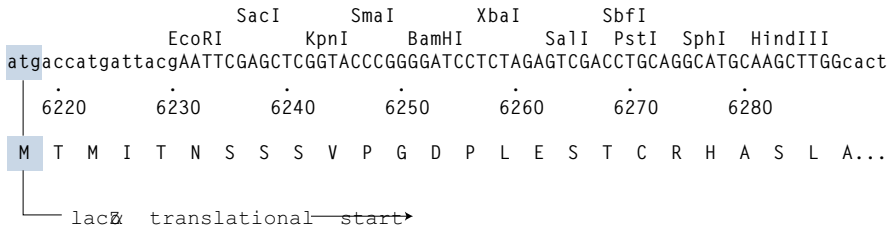
10 µg Lot: 0161308 Exp: 8/15

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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