

PRODUCT INFORMATION

M13/pUC sequencing primer (-46), 22-mer

5' -d(GCCAGGGTTTTCCCAGTCACGA)-3'

#S0114 0.1A₂₆₀ units
(supplied as 10 pmol/μL aqueous solution)

Lot: —

Concentration: 10 μM (10 pmol/μL)

Volume: 45 μL

T_m: 70°C

CG content: 59%

Store at -20°C

Description

This primer is a synthetic single-stranded 22-mer oligonucleotide with free 5'- and 3'-hydroxyl ends. The primer anneals to the 5'-terminus of the *lacZ* gene such that its 5'-end lies 46 nucleotides back from the *HindIII* site of M13 mp18. The DNA polymerase extension products grow in the direction that is opposite to the transcription of the *lacZ* gene.

The primer is supplied as an aqueous solution and can be used for DNA sequencing of all phages, phagemides and plasmids carrying *lacZ* gene.

CERTIFICATE OF ANALYSIS

Each lot of M13/pUC forward sequencing primer is assayed in the pUC19 DNA dideoxy sequencing reaction.

Quality authorized by:  Jurgita Zilinskiene

PRODUCT USE LIMITATION

This product is developed, designed and sold exclusively *for research purposes and in vitro use only*. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.

Please refer to www.thermoscientific.com/onebio for Material Safety Data Sheet of the product.

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