

Product Information

D-4029 Lot 15H6655

pUC8 plasmid DNA

Store at less than 0 ° C

Isolated from host strain:

Escherichia coli RR 1

Storage Buffer: 10 mM Tris-HCl, pH 8.0, 1 mM EDTA

Concentration: 1 µg/µl

A₂₆₀/A₂₈₀: 1.9

M.W.: 1.8 x 10⁶ Daltons

Base Pairs: Approx. 2,655

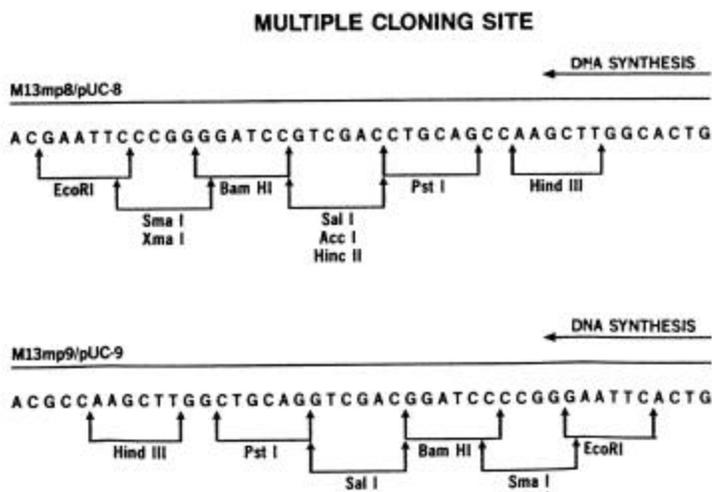
Unique Sites: Within the β-galactosidase gene: See map below of the multiple cloning sites.

Other unique sites: Aat II, Afl III, Dra III, Nar I, Nde I, Ssp I.

COMMENTS

pUC 8 confers resistance to ampicillin and complements defects in β-galactosidase production in appropriate host strains (JM83). Foreign DNA inserted at restriction endonuclease sites within the multiple cloning site result in the loss of β-galactosidase complementation.

Reference: Vieira, J., and Messing, J., Gene, **19** (1982)



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