

pBR322 DNA

Catalogue No 303-1, 50 µg

Concentration 0.5µg/µl

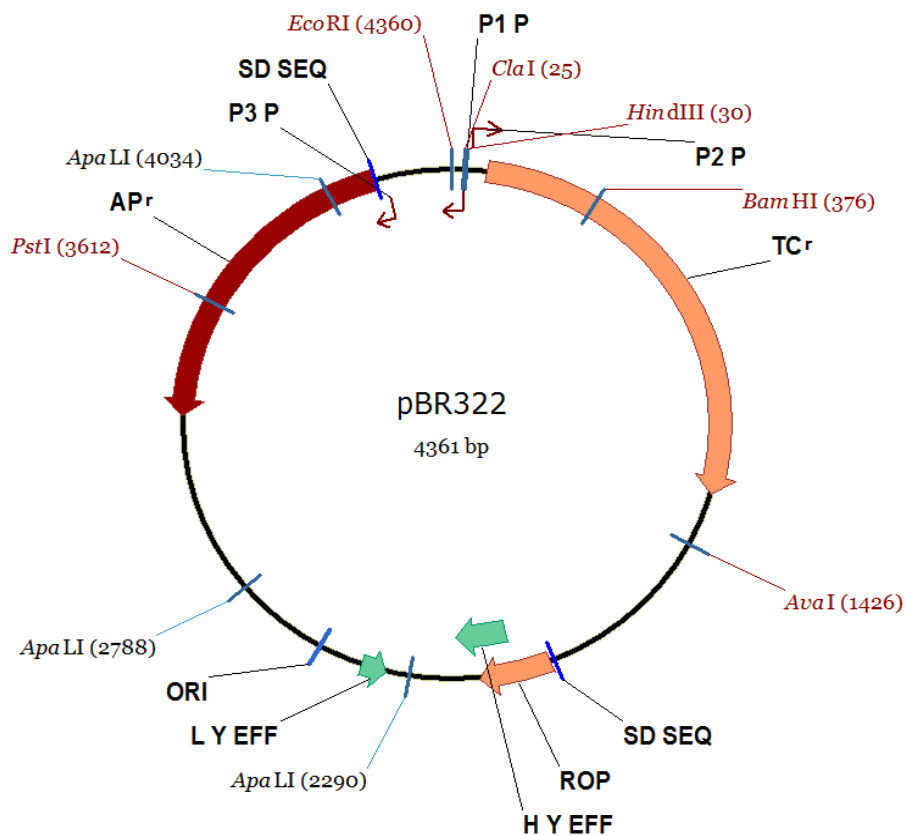
Description: pBR322 is a commonly used plasmid cloning vector in *E. coli*. The molecule is double-stranded circle, 4361 base pairs in length. pBR322 contains the genes for resistance to ampicillin and tetracycline, and can be amplified with chloramphenicol. The molecular weight of pBR322 is 2.83×10^6 daltons.

Preparation: pBR322 is isolated from *E. coli* strain HB101 by a standard plasmid purification procedure.

Quality control: Gel analysis for purity. *Hinf*I and *Alu*I fragmentation patterns.

Storage buffer: 10 mM Tris-HCl (pH 8.0), and 1 mM EDTA. Store at -20°C.

pBR322 map:



pBR322 sequence:

ttctcatgtttgacagcttatcatcgataagctttaatgcggtagtttatcacagttaaattgctaacgcagtcaggcaccgtgatgaa
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