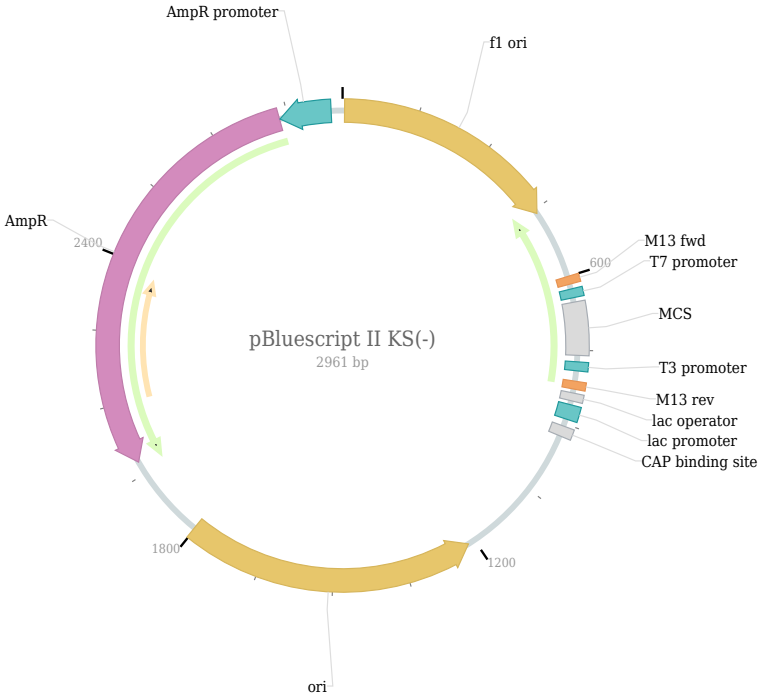
pBluescript II KS(-)

Vector ID	V012545
Antibiotic Resistance	Ampicillin
Length	2961 bp
Vector Type	Cloning Vectors

Product Information

Replication Origin	ori
Source/Author	Alting-Mees MA, Short JM.
Copy Number	High copy number
5' Primer	M13 fwd
3' Primer	M13 rev
Growth Temperature	37℃
Comment	pBluescript II KS(-) is a high-copy-number phagemid cloning vector (2961 bp) with ampicillin resistance. It features T3 and T7 promoters flanking a multiple cloning site (MCS) for gene manipulation and an f1 origin for producing single-stranded DNA, commonly used for sequencing and in vitro transcription.

Vector Map



Plasmid Resuspension Protocol

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.