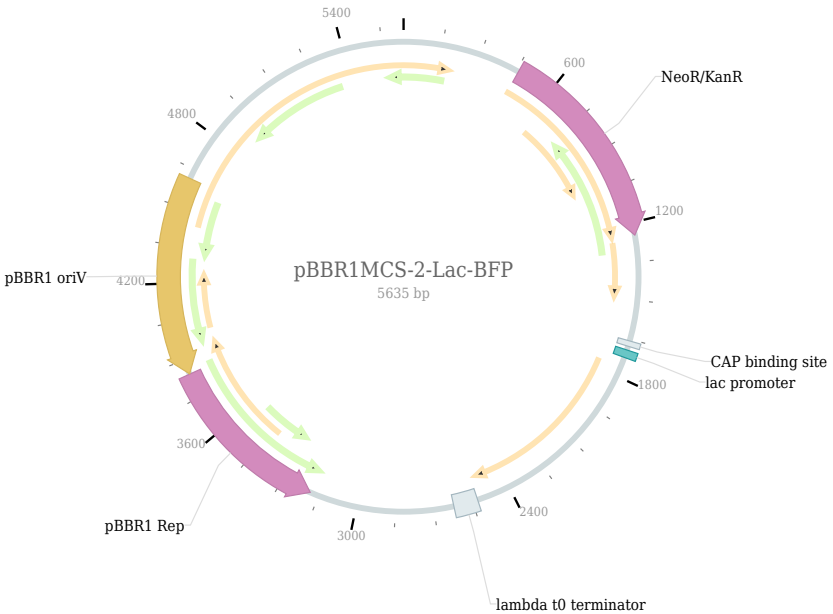
pBBR1MCS-2-Lac-BFP

Vector ID	V013627
Accession ID	pBBR1MCS2-Lac-BFP
Antibiotic Resistance	Kanamycin
Length	5635 bp
Vector Type	Protein expression
Host	Broad host

Product Information

Replication Origin	pBBR1 oriV
Copy Number	Low
Promoter	Tac
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pBBR1MCS-2 is a low-copy, mobilisable broad-host-range vector derived from Bordetella bronchiseptica pBBR1. Cloning a blue fluorescent protein downstream of its derepressed lac promoter creates a blue-fluorescence reporter for Gram-negative hosts; note that IPTG cannot regulate this promoter.

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 ℃.