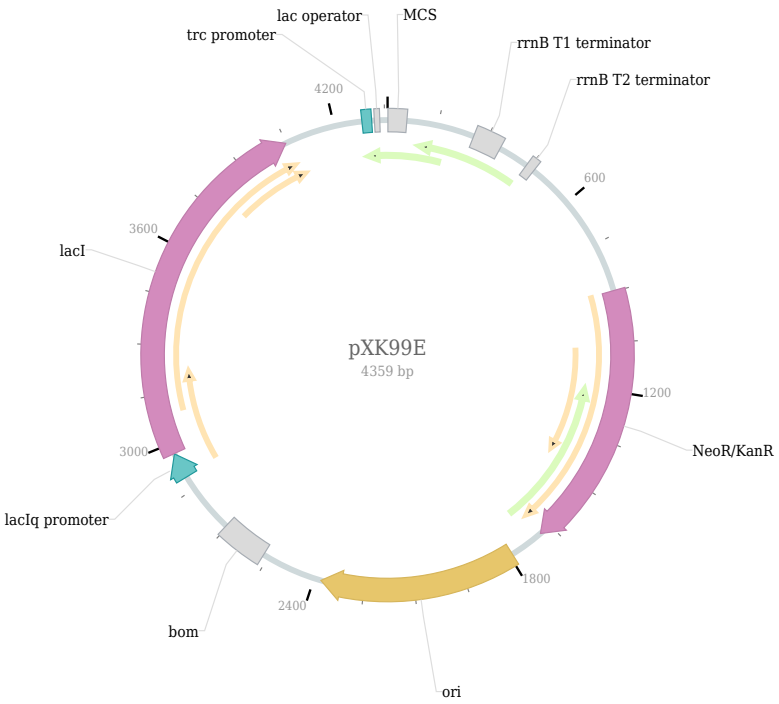
pXK99E

Vector ID	V002034
Antibiotic Resistance	Kanamycin
Length	4359 bp
Vector Type	Expression vector

Product Information

Replication Origin	ori
Source/Author	Kirchner O, Tauch A.
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pXK99E is an E. coli/Bacillus subtilis shuttle expression vector containing replication origins for both E. coli and B. subtilis, enabling stable expression in both hosts. It relies on the trc promoter for efficient transcription, with lacI repression being released upon IPTG addition.

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 ℃.