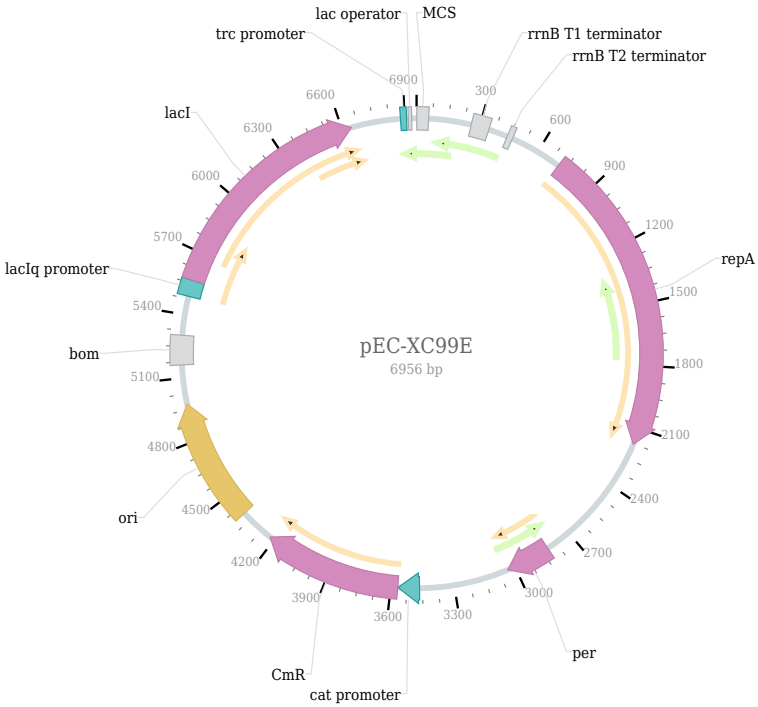
pEC-XC99E

Vector ID	V007660
Antibiotic Resistance	Chloramphenicol
Length	6956 bp
Vector Type	Shuttle expression vector

Product Information

Replication Origin	ori
Source/Author	Kirchner O, Tauch A.
Copy Number	High copy number
Growth Strain(s)	Top10
Comment	pEC-XC99E is a 6956 bp shuttle vector.It carries a trc promoter (inducible, with lac operator and lacI repressor gene) for tight control of expression. The MCS (multiple cloning site) follows the promoter. Termination is provided by rrnB T1 and T2 terminators. Selection in E.coli uses CmR (chloramphenicol resistance) driven by a cat promoter. Replication functions include ori and repA.

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 ℃.