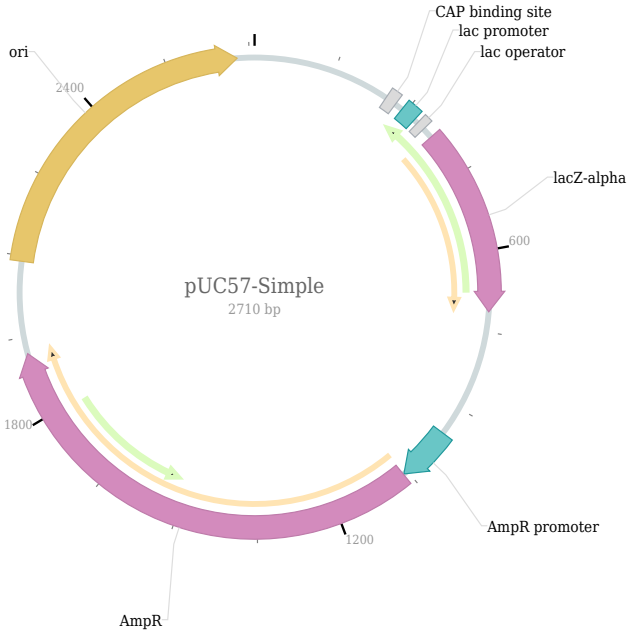
pUC57-Simple

Vector ID	V012364
Antibiotic Resistance	Ampicillin
Length	2710 bp
Vector Type	Cloning Vectors

Product Information

Replication Origin	ori
Source/Author	GenScript
Copy Number	High copy number
5' Primer	M13 fwd
3' Primer	M13 rev
Growth Strain(s)	DH10B
Comment	pUC57-Simple is a high-copy cloning vector featuring a simplified, minimal MCS flanked by universal priming sites. Designed as an economical gene synthesis delivery and subcloning backbone for sequence verification before transfer into expression vectors (pUC lineage, Vieira & Messing 1982).

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 ℃.