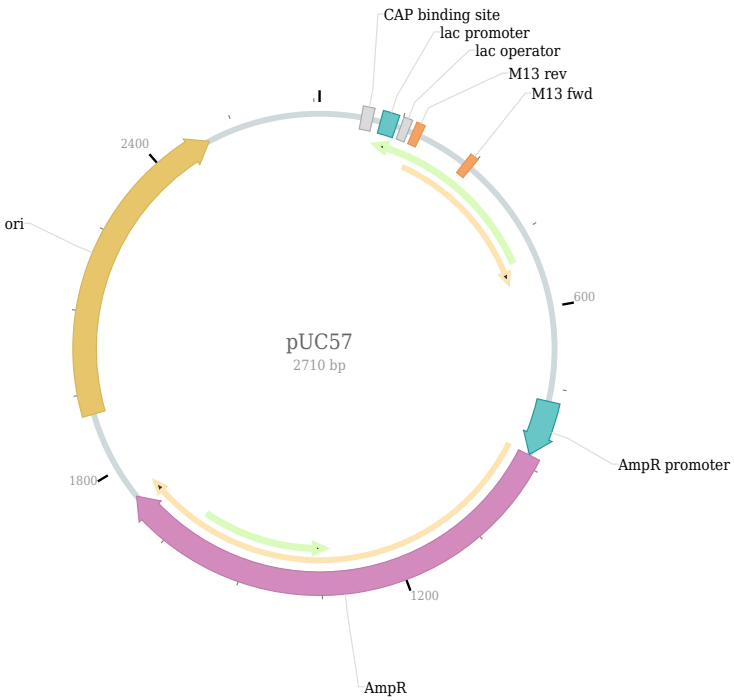
pUC57

Vector ID	V012363
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)	stbl3
Growth Temperature	37℃
Comment	pUC57 is a general-purpose high-copy cloning vector of the pUC family: pMB1 origin, lacZalpha with extended MCS, and ampicillin resistance. Standard backbone for subcloning and gene synthesis delivery, allowing blue-white screening and universal M13 primer sequencing (Yanisch-Perron et al. 1985).

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 ℃.