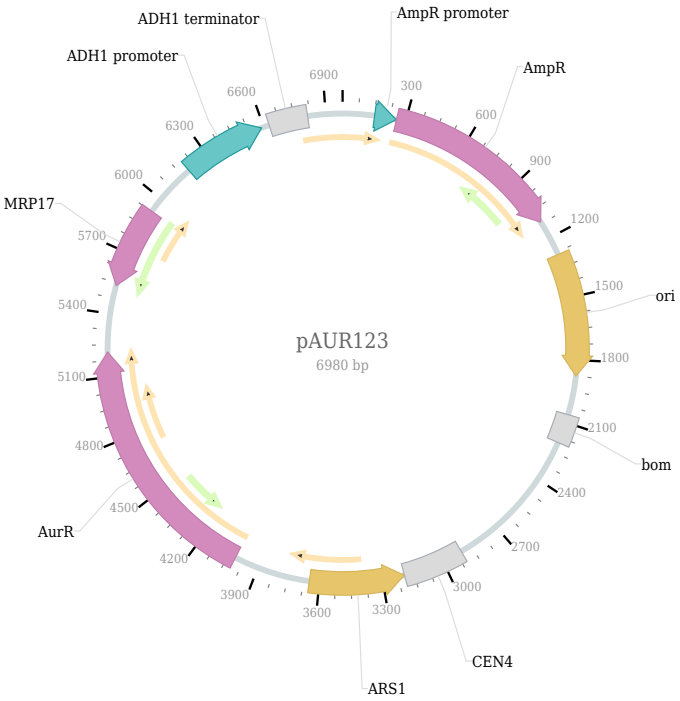
pAUR123

Vector ID	V007475
Antibiotic Resistance	Ampicillin
Length	6980 bp
Vector Type	Yeast Expression Vectors

Product Information

Replication Origin	ori
Promoter	ADH1
Cloning Method	Enzyme digestion and ligation
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pAUR123 is a yeast-E. coli shuttle vector. It contains an Aureobasidin A resistance gene for selection in yeast and an ampicillin resistance gene for selection in E. coli. The vector is designed for functional gene analysis in yeast, such as heterologous expression of target genes, as demonstrated by its use in expressing a cytochrome P450 gene (PqD12H) to study ginsenoside biosynthesis.

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 ℃.