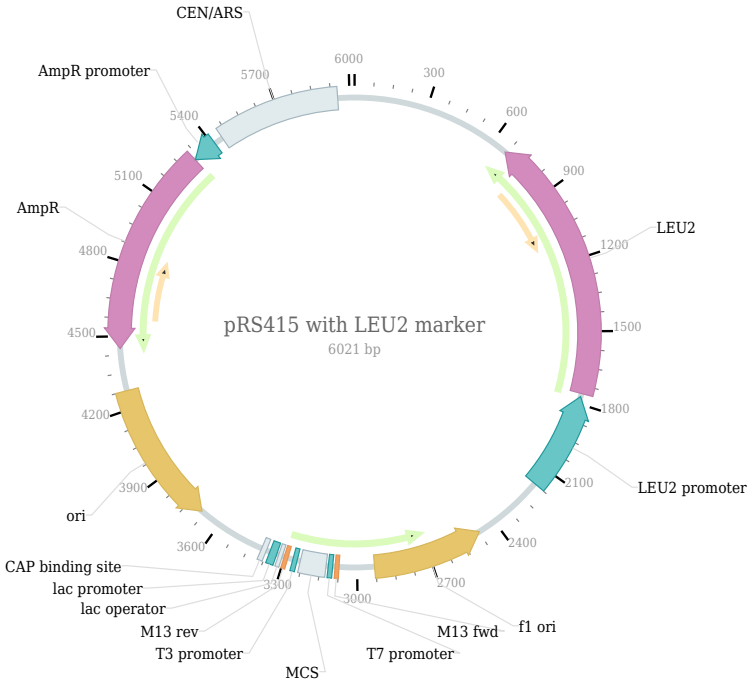
pRS415 with LEU2 marker

Vector ID	V003593
Antibiotic Resistance	Ampicillin
Length	6021 bp
Vector Type	Yeast centromere vector
Host	Yeast

Product Information

Replication Origin	ori
Source/Author	Sikorski RS, Hieter P.
Promoter	LEU2
Growth Strain(s)	Stbl3
Comment	This is a 6021 bp yeast shuttle vector, pRS415 with LEU2 marker. It features the LEU2 gene for yeast selection and contains the CEN/ARS sequence for stable maintenance. The vector also includes an MCS for cloning, flanked by T3 and T7 promoters, as well as an AmpR gene and bacterial origin for propagation in E. coli.

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 ℃.