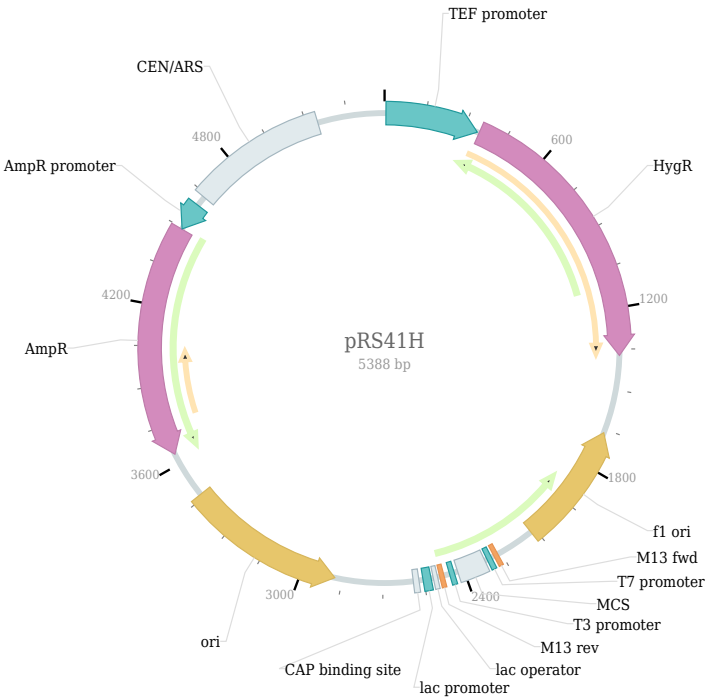
pRS41H

Vector ID	V001720
Antibiotic Resistance	Ampicillin
Length	5388 bp
Vector Type	Yeast Expression Vectors
Host	Yeast

Product Information

Replication Origin	ori
Promoter	TEF
Growth Strain(s)	DH10B
Comment	pRS41H is a yeast centromeric shuttle vector of the Taxis & Knop pRS41x series (BioTechniques 2006) in which the auxotrophic marker is replaced by the dominant hphNT1 hygromycin B resistance cassette. Enables low-copy CEN/ARS transformation of prototrophic industrial and wild-type S. cerevisiae strains.

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 ℃.